BENTON HARBOR POWER PLANT LIMNOLOGICAL STUDIES

PART XXI. BACTERIA AND PHYTOPLANKTON OF THE SEASONAL SURVEYS OF 1972 AND 1973

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PREVIOUS PARTS OF THE REPORT SERIES RELATIVE TO THE DONALD C. COOK NUCLEAR STATION

Benton Harbor Power Plant Limnological Studies

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- Seibel, E. and J. C. Ayers (eds.). 1974. The biological, chemical, and physical character of Lake Michigan in the vicinity of the Donald C. Cook Nuclear Plant. Special Report No. 51 of the Great Lakes Research Division, University of Michigan, Ann Arbor, Michigan. 475 p.
- Jude, D. J., F. J. Tesar, J. A. Dorr III, T. J. Miller, P. J. Rago and D. J. Stewart. 1975. Inshore Lake Michigan fish populations near the Donald C. Cook Nuclear Power Plant, 1973. Special Report No. 52 of the Great Lakes Research Division, University of Michigan, Ann Arbor, Michigan. 267 p.

TABLE OF CONTENTS

Р	age
PREVIOUS PARTS OF THE REPORT SERIES RELATIVE	
TO THE DONALD C. COOK NUCLEAR STATION i	ii
FIGURES	vi
TABLES	vi
INTRODUCTION	1
COOK PLANT PREOPERATIONAL STUDIES	5
A.2 STUDY OF FLOATING ALGAE AND BACTERIA	5
BACTERIA	5
Techniques	5
Results	5
PHYTOPLANKTON	8
Techniques	8
Results \cdots	9
	10
	10
Master Lists of Phytoplankters Collected	
During the Surveys	10
REFERENCES	38
APPENDIX A. PHYSICAL MEASUREMENTS	39
APPENDIX B. PHYTOPLANKTON COLLECTIONS, 1972 AND 1973	53

FIGURES

 The original 54-station Cook Plant sampling grid, used through April of 1972	3
	4
in seasonal surveys after April 1972	
TABLES	
1. Comparison of the original 54-station seasonal sampling grid to the 36-station sampling grid	2
2. Total coliform bacteria taken in the seasonal surveys of 1972 and 1973	6
3. Phytoplankton summary	11
4. Dominant and codominant phytoplankters in the seasonal surveys of 1972 and 1973	20
5. Master lists of phytoplankton collected	21
6. Numbers of phytoplankton species or groups, numbers of individuals per milliliter, and diversity indices of the 1972 and 1973 collections	3/4

INTRODUCTION

In Part VII (March 1971) of our report series relative to the Donald C. Cook Nuclear Station, we established the following report format:

A. COOK PLANT PREOPERATIONAL STUDIES

- A.1 Recording of Local Water Temperatures
- A.2 Study of Floating Algae and Bacteria
- A.3 Development of a Monitor for Phytoplankton (ABANDONED)
- A.4 Study of Attached Algae
- A.5 Study of Zooplankton
- A.6 Study of Aquatic Macrophytes
- A.7 Study of Benthic Organisms
- A.8 Study of the Local Fishes
- A.9 Support of Aerial Scanning
- A.10 Study of Entrainment and Impingement
- B. SURVEYS OF EXISTING WARM WATER PLUMES
- C. THE ICE BARRIER AT THE COOK PLANT SITE
- D. EFFECTS OF EXISTING THERMAL DISCHARGES ON LOCAL ICE BARRIERS
- E. EFFECTS OF RADIOACTIVE WASTES IN THE AQUATIC ENVIRONMENT
 - E.1 Gamma Scan of Bottom Sediments (FINISHED)
 - E.2 The Most Sensitive Organism for Concentration of Radwastes (FINISHED)
 - E.3 Study of Lake Michigan's Present Radioactivity Content (FINISHED)

This report covers only item A.2 of the above format; the zooplankton of the major seasonal surveys of 1972 are reported in Part XIII of our report series (see p.iii); zooplankton of the 1973 major surveys has been reported in Seibel and Ayers (1974); benthos of both 1972 and 1973 major surveys is also reported in the latter report. This report covers the bacteria and phytoplankton results of the major surveys of 1972 and 1973.

The April survey of 1972 was carried out on an older 54-station sampling grid; the surveys of July and October were on a reduced grid of 36 stations (Table 1). Station DC-1 directly in front of the plant could not be occupied in October 1972 or during any of the surveys of 1973 because of construction activities at the station position. Figures 1 and 2 show the station positions of the two sampling grids. At all stations

TABLE 1. Comparison of the original 54-station seasonal sampling grid to the 36-station sampling grid which was instituted in the July 1972 seasonal survey at Cook Plant. X denotes a retained station. -- denotes an omitted station.

Station	54-station grid	36-station grid	Station	54-station grid	36-station
	8	8	55451511	91.10	9114
DC-1	X	X	NDC-7-3	Х	X
DC-2	X	X	NDC-7-4	X	
DC-3	X	X	NDC-7-5	X	X
DC-4	X	X	SDC25-1	X	
DC-5	X	X	SDC5-0	X	X
DC-6	X	X	SDC5-1	X	
NDC25-1	X		SDC5-2	X	X
NDC5-0	X	X	SDC5-3	X	
NDC5-1	X		SDC-1-0	X	X
NDC5-2	X	X	SDC-1-1	X	X
NDC5-3	X		SDC-1-2	X	X
NDC-1-0	X	X	SDC-1-3	X	
NDC-1-1	X	X	SDC-2-0	X	X
NDC-1-2	X	X	SDC-2-1	X	X
NDC-1-3	X		SDC-2-2	X	
NDC-2-0	X	X	SDC-2-3	X	X
NDC-2-1	X	X	SDC-2-4	X	
NDC-2-2	X		SDC-4-0	X	X
NDC-2-3	X	X	SDC-4-1	X	X
NDC-2-4	X		SDC-4-2	X	
NDC-4-0	X	X	SDC-4-3	X	X
NDC-4-1	X	X	SDC-4-4	X	X
NDC-4-2	X		SDC-7-1	X	X
NDC-4-3	X	X	SDC-7-2	X	
NDC-4-4	X	X	SDC-7-3	X	X
NDC-7-1	X	X	SDC-7-4	X	
NDC-7-2	X		SDC-7-5	X	X

with serial numbers greater than zero, zooplankton, benthos, and physical measurements were collected as well. The physical measurements consisted of surface-water temperature, water depth, bottom types, Secchi disc water transparency, and water color as seen above the white 20-cm Secchi disc, as well as weather conditions and wind and wave characteristics. The seasonal physical data are given in Appendix A.

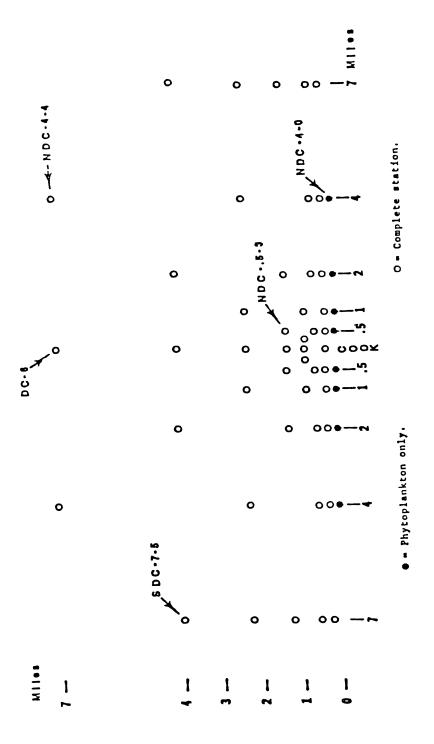


FIG. 1. The original 54-station Cook Plant sampling grid, used through April of 1972. the plant. The second number is the serial number of the station from shore lakeward. The stations are designated as follows: SDC stations are located south of the plant, NDC stations are north of the plant, and DC stations are directly offshore of the plant. The first number in the designation is the number of miles north or south of The serial number of the phytoplankton-only stations is $\mathbf{0}$.

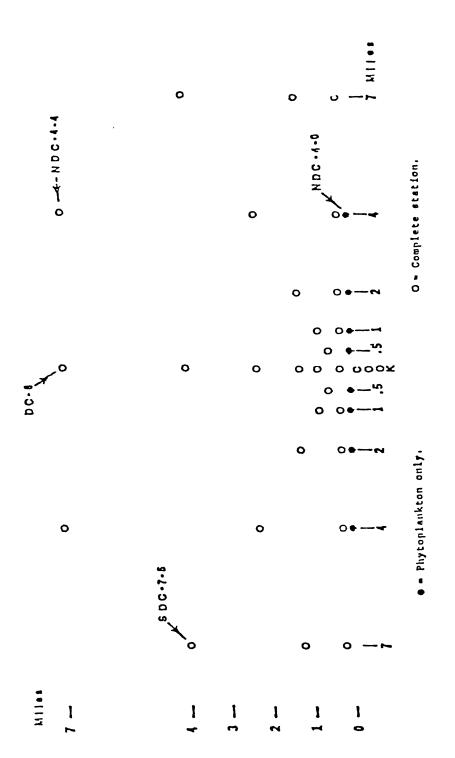


FIG. 2. The Cook Plant 36-station sampling grid used in seasonal surveys after April 1972. Station designations are as in Figure 1, all stations retain their original designations. Omitted stations disappear.

COOK PLANT PREOPERATIONAL STUDIES

A.2 STUDY OF FLOATING ALGAE AND BACTERIA

BACTERIA

Techniques

Coliform bacteria were determined by the nutrient pad method using the Millipore Portable Water Analysis Kit and Field Monitors. The Analysis Kit provides a pump and an incubator; the Field Monitors are ready-to-use sterile nutrient pads and filters in incubating dishes and come with ampouled nutrient media. M-Endo Broth was the nutrient medium used.

Water samples ranging from 16 to 30 ml were pumped through the Field Monitors. Water from 1-m depth was collected by Niskin bottle and immediately drawn off into well-rinsed plastic bottles for refrigeration until the Field Monitors could be prepared. Because of limited space in the incubator, bacteria were not run at all stations.

Stations DC-1 and DC-5 were not sampled for bacteria in October. DC-5 was accidently omitted; the station location of DC-1 was occupied by construction equipment.

Results

The bacteria results are given in Table 2. As had been the case in 1971 (reported in Part XIX of our report series), the numbers of coliforms exhibited wide variability in both space and time. Numbers have varied from in the throusands per 100 ml in September 1971 to in the teens per 100 ml in July and October 1973, with low numbers being the general rule. We are unable to escape the conclusion that the waters of the Cook Plant region are occasionally "slugged" with water of damaged quality, but cannot define the source(s) of that water.

There is no consistent evidence of any seasonal cycle of coliform

TABLE $\dot{2}$. Total coliform bacteria taken in the seasonal surveys of 1972 and 1973. Units are coliforms/100 ml.

Station	Total coliforms	Station	Total coliforms
12	2 APRIL 1972	SDC-7-3	5
		SDC-7-5	6
DC-1	19	15.00	TODED 1070
DC-2	6	15 00	TOBER 1972
DC-3 DC-4	2 3	DC-2	0
DC-5	3	DC-3	0 5
DC-6	130	DC-4	1
NDC5-1	1	DC-6	0
NDC5-2	1	NDC5-2	15
NDC-1-2	_ 1	NDC-1-2	57
NDC-2-3	3	NDC-2-3	6
NDC-4-3	2	NDC-4-1	1
NDC-7-1	224	NDC-4-3	2
SDC5-1	1	NDC-7-1	15
SDC5-2	36	NDC-7-3	64
SDC-2-3	8	NDC-7-5	0
SDC-4-1	0	SDC5-2	46
SDC-4-3	3	SDC-1-2	12
SDC-7-1	6	SDC-2-3	4
SDC-7-3	0	SDC-4-1	39
SDC-7-5	0	SDC-4-3	0
-	L6 JULY 1972	SDC-7-1 SDC-7-3	57 12
٦	10 JULI 1972	SDC-7-5	0
DC-1	37		v
DC-2	21	25 A	PRIL 1973
DC-3	19		
DC-4	55	DC-2	143
DC-5	125	DC-3	373
DC-6	7	DC-4	1
NDC5-2	48	DC-5	72
NDC-1-2	64	DC-6	202
NDC-2-3	42	NDC5-2	178
NDC-4-1	152	NDC-1-2	227
NDC-4-3 NDC-7-1	92 43	NDC-2-3 NDC-4-1	588 235
NDC-7-1 NDC-7-3	43 47	NDC-4-1 NDC-4-3	304
NDC-7-5	4	NDC-7-1	554
SDC5-2	50	NDC-7-3	383
SDC-1-2	18	NDC-7-5	448
SDC-4-1	24	SDC5-2	179
SDC-4-3	15	SDC-1-2	missing
SDC-7-1	28	SDC-2-3	281

TABLE 2 continued.

Station	Total coliforms	Station	Total coliforms
25 APRIL 1973	3 cont.	SDC-2-1	10
		SDC-2-3	8
SDC-4-1	653	SDC-4-1	0
SDC-4-3	174	SDC-4-3	0
SDC-7-1	798	SDC-4-4	0
SDC-7-3	265	SDC-7-1	6
SDC-7-5	118	SDC-7-3	0
		SDC-7-5	0
19	JULY 1973	23.00	CTOBER 1973
DC-2	8		310221 1773
DC-3	2	DC-2	6
DC-4	0	DC-3	22
DC-5	0	DC-4	4
DC-6	0	DC-5	0
NDC5-2	14	DC-6	0
NDC-1-1	14	NDC5-2	16
NDC-1-2	4	NDC-1-1	0
NDC-2-1	14	NDC-1-2	12
NDC-2-3	6	NDC-7-1	4
NDC-4-1	26	NDC-7-5	12
NDC-4-3	8	SDC5-2	8
NDC-4-4	0	SDC-1-2	0
NDC-7-1	16	SDC-2-3	4
NDC-7-3	6	SDC-4-1	0
NDC-7-5	0	SDC-4-3	0
SDC5-2	12	SDC-7-1	2
SDC-1-1	4	SDC-7-3	0
SDC-1-2	6	SDC-7-5	0

abundance; the mean numbers of coliforms per ml per station in the three years have been:

	<u>1971</u>	<u>1972</u>	<u>1973</u>
April	34.3	22.4	308.8
July	315.7	42.9	7.5
October	4.4	16.8	5.0

PHYTOPLANKTON

Techniques

Phytoplankton samples were collected by Niskin bottle at a depth of 1 m, with the exception of the nearshore stations. Nearshore collections (serial number zero stations) were made by submerging an open 1-liter bottle 4 inches below the water surface. All samples were 1-liter whole samples. Each sample was fixed with Utermohl's iodine fixative immediately after collection and stored in an opaque container.

In the laboratory, each sample was concentrated to 100 ml by settling in a 1000-ml graduate cylinder and siphoning off 900 ml of fluid. The concentrated sample was stored in a 100-ml opaque bottle.

The samples of April 1972 were prepared and counted by the Utermohl technique: by placing an aliquot of the concentrated sample in a tubular combination settling and counting chamber and allowing the aliquot to settle overnight. The counting chamber containing the settled cells was then separated from the settling chamber, covered, and placed on the microscope. The samples were counted on a binocular inverted microscope at 1000X magnification.

Beginning with July 1972 and continuing since, the method of concentration for species identification and enumeration has been the settle-freeze method as proposed by Sanford et al. (1969). The method entails an overnight settling of 1000 ml of sample in a graduated cylinder. The following day the top 900 ml are siphoned off and discarded. Part of the remaining 100 ml is used for preparation for the microscope slide and the rest is kept for any possible further references or back checking.

The once settled sample is then diluted if need be and settled again, this time in 18-ml cylinders. These cylinders are attached with a small amount of stopcock lubricant (to prevent leakage) to the microscope slides which rest on an aluminum plate one quarter inch thick. The whole apparatus is then secured together mechanically. The microscope slides, prior to having the cylinders placed on them, are treated with Dissicote to provide a hydrophobic surface to the slide. After the samples have

settled overnight, the aluminum plate on which they rest is placed on a block of dry ice for 90 seconds. This freezes the bottom 1-1.5 ml. The unfrozen part is then discarded and the cylinders are removed from the slides. The slides are then placed in an anhydrous ethanol chamber for 3 days and then in a toluene chamber for 1 day.

The first chamber removes the excess water and the second prepares the samples for their final mounting in toluene based Permount. One drop of Permount is put on the slide, a cover slip is then placed over it and the slide is allowed to dry for 2 days.

The specimens are counted, at 1000X under oil immersion on a Leitz Ortholux microscope, to species when practical, otherwise to genus or group. Only those specimens that appear to have been viable at the time of collection are counted. Two sweeps of the slide are made, one vertical and one horizontal. This provides an indication of the randomness of the species on the slide.

Counts are calculated as cells per liter, but are divided by 1000 in the computer print-outs.

Solitary species, green and blue-green algae colonies, and the filaments of filamentous forms were each counted as one cell. Each colonial diatom cell was counted except when the size of the filaments or colonies prohibited counting the individual cells; in this case, the number of individual cells was estimated.

Species and forms are presented in the way in which they are recognized and counted. Examples are: Glenodinium, a dinoflagellate, is recognized and counted separately from unidentified dinoflagellates which are given as "Dinoflagellates"; the flagellates Cryptomonas and Chlamydomonas are recognized and counted separately from unidentified "Flagellates"; Anacystis and Chroococcus are recognized as separate entities, rather than as species of Anacystis.

Results

April 1972 samples from most of the SDC stations were lost due to unexplainable failure of preservation.

Summary Table. The phytoplankton summaries which follow (Table 3) are based on the one used by the Michigan Water Resources Commission in reporting their phytoplankton collections. Our summaries differ only in that we have counted or estimated the cells in filamentous and colonial diatoms, while the Commission counts a filament or colony as a single organism. The station-by-station phytoplankton records constitute Appendix B.

Dominant and Codominant Phytoplankters. In each phytoplankton sample, one species or group typically was present in substantially greater numbers. We have called these species or groups "dominant." In many stations one, two, or three additional species or groups challenged the numerical superiority of the dominant species. When the challenging species or group closely approached the cell numbers of the dominant species, the less abundant species or group was recorded as "codominant" and listed in the dominant species column of Table 3. In Table 4, those species or groups which were numerically dominant in the samples of the 1972 and 1973 Cook Plant surveys are presented.

Master Lists of Phytoplankters Collected During the Surveys. Table 5 presents in alphabetical order the complete lists of phytoplankters taken during the surveys of 1972 and 1973. Over time, such species lists serve as means by which to watch for changes in population composition.

Table 6 is a summary table presenting station-by-station the numbers of phytoplankton species or groups collected, the numbers of individual phytoplankters per milliliter, and the Wilhm and Dorris diversity index of each station's collection. The diversity index of Wilhm and Dorris (1968) is

$$\bar{d} = -\sum_{i} (N_i/N) \log_2 (N_i/N)$$

in which (N_i/N) is the percentage of the population, N, that is represented by any one species or group, N_i , of the collection. Computed for each species or group and summed, the calculation yields a diversity index for the station collection.

TABLE 3. Phytoplankton summary. Units: Cells per milliliter; surface temperature, C°; ND = Not Determined.

Station	Tem- pera- ture	Coccoid blue- green	Filamen- tous blue- green	Coccoid	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
						12 APRIL	RIL 1972					
DC-1	3.9	0	0	135	2	301	06	378	5	19	930	Tabellaria fenestrata
DC-2	3.0	0	5	134	2	245	123	422	4	28	963	Tabellaria fenestrata
DC-3	3.1	1	2	119	2	256	119	465	2	30	666	Tabellaria fenestrata
DC-4	2.9	0	2	09	2	236	80	381	2	23	795	Tabellaria fenestrata
DC-5	2.7	0	7	57	2	189	114	333	0	21	717	Tabellaria fenestrata
9-2Q	1.9	0	0	15	-	91	7	12	0	4	130	Chlamydomonas sp.
NDC25-1	2.8	0	19	211	4	549	304	592	0	85	1770	Chlamydomonas sp.
NDC5-0	£	0	0	367	0	434	2419	1354	11	26	4641	Cyclotella sp. Stephanodiscus sp.
NDC5-1	4.0	1	1	105	0	222	498	199	0	31	1057	Cyclotella sp. Stephanodiscus sp.
NDC5-2	3.3	-	0	321	0	347	595	649	1	77	1926	Tabellaria fenestrata
NDC5-3	2.8	0	17	208	7	247	594	1077	1	74	2519	Tabellaria fenestrata
NDC-1-0	QN	0	0	86	1	194	831	159	0	23	1306	Cyclotella sp.
NDC-1-1	3.9	7	13	992	4	1238	718	1018	0	158	3922	Gloeocystis sp.
NDC-1-3	2.5	1	18	168	က	533	330	885	П	110	2049	Tabellaria fene strata
NDC-2-0	<u>R</u>	0	7	441	0	807	2130	866	7	48	4039	Cyclotella sp. Stephanodiscus sp.
NDC-2-2	3.4	2	7	573	2	922	592	962	7	134	3030	Gloeocystis sp. Chlamydomonas sp.
NDC-2-3	2.7	1	9	148	1	260	347	910	2	69	2044	Tabellaria fene strata
NDC-2-4	2.4	30	7	67	2	355	161	175	0	62	856	Chlamydomonas sp.
NDC-4-0	ND	0	0	252	0	582	2315	853	7	63	4072	Cyclotella sp. Stephanodiscus sp.
NDC-4-1	3.5	4	26	785	9	979	1265	1276	9	250	4597	Gloeocystis sp. Chlamydomonas sp. Tabellaria fenestrata
NDC-4-2	3.3	0	28	37	9	1898	4220	1935	7	184	8310	Stephanodiscus sp.
NDC-4-3	5.6	0	7	150	7	400	406	295	-	28	1581	Tabellaria fenestrata
NDC-4-4	1.9	0	\$	77	0	270	107	102	0	57	585	Chlamydomonas sp.

TABLE 3 continued.

The state of the s				-		-						
Station	Tem- pera- ture	Coccoid blue- green	Filamen- tous blue- green	Coccoid green	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
12 APRIL 1972 cont	972 cont.											
NDC-7-1	0.9	9	11	688	24	707	1428	729	0	109	3702	Cyclotella sp.
NDC-7-2	5.8	0	9	629	7	1152	859	915	0	128	3691	Chlamydomonas sp. Gloeocystis sp.
NDC-7-3	3.3	1	12	115	2	368	257	366	0	77	1165	Chlamydomonas sp.
NDC-7-5	2.5	0	10	73	3	456	227	722	1	39	1531	Tabellaria fenestrata
SDC5-1	3.9	0	5	121	0	410	70	208	5	21	1140	Tabellaria fenestrata
SDC-7-4	2.9	0	0	315	0	517	166	550	'n	111	2495	Stephanodiscus sp. Cyclotella sp. Gloeocystis sp.
						16 JULY	ULY 1972					
DC-1	23.6	0	5	3	2	07	10	96	0	4	160	Fragilaria intermedia
DC-2	24.1	0	21	87	0	59	10	161	0	19	357	Tabellaria fenestrata
DC-3	23.8	0	9	59	0	77	7	80	1	9	131	Gloeocystis sp.
DC-4	23.1	0	9	9	1	13	6	31	0	П	99	Tabellaria fenestrata
DC-5	22.5	7		80	0	83	26	24	1	3	219	Flagellates, Gloeocystis sp.
9-DC	23.0	0	Н	12	0	54	52	59	0	2	180	Fragilaria crotonensis
NDC5-0	Q.	0	104	33	7	679	96	857	0	111	1857	Chlamydomonas sp.
NDC5-2	24.0	0	12	39	0	39	10	99	1	7	174	Tabellaria fenestrata
NDC-1-0	S S	2	154	174	6	267	35	9/	7	22	743	Flagellates, Anabaena sp.
NDC-1-1	23.3	1	42	80	7	55	13	260	0	9	459	Tabellaria fenestrata Fragilaria capucina
NDC-1-2	24.0	0	10	7	2	17	11	11	0	2	120	Tabellaria fenestrata
NDC-2-0	QN	0	55	15	0	161	38	426	0	7	669	Fragilaria intermedia
NDC-2-1	23.0	0	7	2	1	43	23	157	0	10	243	Fragilaria capucina
NDC-2-3	23.9	0	∞	1	1	10	7	31	0	2	55	Tabellaria fenestrata
NDC-4-0	QN	0	2	0	0	33	-	9	0	2	77	Dinobryon sp.
NDC-4-1	QN	0	9	7	-	19	26	215	0	2	276	Fragilaria crotonensis
NDC-4-3	22.8	0	-	11	0	76	21	178	0	2	307	Fragilaria crotonensis
NDC-4-4	22.2	0	0	0	0	140	-	9/	0	4	221	Chlamydomonas sp. Dinobryon sp.

TABLE 3 continued.

Station	Tem- pera- ture	Coccoid blue- green	Filamen- tous blue- green	Coccoid green	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
16 JULY 197	1972 cont.											
NDC-7-1	25.4	0	12	0	0	31	9	2	0	0	87	Chlamydomonas sp.
NDC-7-3	24.9	0	45	423	5	120	19	222	0	21	855	Gloeocystis sp.
NDC-7-5	22.5	0	0	3	0	55	5	13	0	2	78	Chlamydomonas sp.
SDC5-2	24.3	0	11	1	-	99	2	121	0	∞	203	Tabellaria fenestrata
SDC-1-0	QN	0	197	180	4	302	20	707	0	11	1421	Tabellaria fenestrata
SDC-1-1	24.3	0	45	80	-	86	10	126	0	6	369	Tabellaria fenestrata
SDC-1-2	23.6	0	25	9	4	43	9	153	0	0	237	Tabellaria fenestrata Fragilaria capucina
SDC-2-0	ND	0	21	7	н	7.1	10	263	0	0	379	Tabellaria fenestrata
SDC-2-1	24.3	-	39	99	0	93	14	164	0	11	378	Tabellaria fenestrata
SDC-2-3	24.5	0	25	7	2	41	2	09	0	0	137	Glenodinium sp. Tabellaria fenestrata
SDC-4-0	ND	0	35	0	4	386	22	780	0	7	1234	Fragilavia intermedia
SDC-4-1	24.6	0	110	295	1	45	2	148	0	2	909	Gloeocystis sp.
SDC-4-3	23.5	0	11	39	0	07	3	7	1	٤	104	Gloeocystis sp., Oocystis sp.
SDC-4-4	23.2	0	59	0	9	113	54	154	0	4	360	Fragilaria capucina
SDC-7-2	QN	0	24	19	0	58	2	115	0	4	222	Fragilaria fenestrata
SDC-7-3	24.0	0	26	0	0	26	2	35	0	24	143	Chlamydomona s sp. Fragilaria intermedia
SDC-7-5	23.3	0	87	9	0	174	32	19	0	20	368	Anabaena sp., Dinobryon sp.
						15 OCT	15 OCTOBER 1972					
DC-2	13.0	128	0	73	1	297	1018	550	2	19	2088	Melosira granulata
DC-3	13.0	120	3	06	0	241	707	164	0	14	1036	Melosira granulata
DC-4	13.1	167	7	28	0	211	697	417	0	2	1296	Melosira granulata
DC-5	13.2	221	2	32	0	87	91	39	0	2	411	Chroococcus limmeticus
DC-6	13.9	480	2	78	0	173	13	34	7	2	783	Chroococus limmeticus
NDC5-0	ND	63	15	122	0	89	2196	794	4	29	3350	Melosira granulata
NDC5-2	S S	101	1	105	0	289	906	475	æ	53	1933	Melosira granulata

TABLE 3 continued.

												877															871		
	Dominant species		Melosira granulata	Flagellates	Chroococcus limmeticus	Melosira granulata	Melosira granulata	Chroococcus sp.	Melosira granulata	Flagellates	Melosira granulata	Melosira granulata	Flagellates	Chroococcus limmeticus	Melosira granulata														
Total	.		1663 A	2279 A	976 V	2185 A	2703 A	1638 /	2127 /	7922 N	634 1	740	7165 /	1367	340 (1918	1184	4300	3363	1424	1447	3335	1043	1677	2013	745	625	1338	
Other	algae		30	61	32	100	09	20	4	122	56	12	38	21	14	33	22	11	19	99	45	114	26	59	36	15	77	19	
	Desmids		0	0	0	4	0	0	4	4	0	0	4	0	၀	7	က	4	2	0	0	0	0	4	1	0	7	0	
Pennate	diatoms		278	310	220	230	551	470	134	1686	183	25	1575	218	43	812	222	899	482	258	189	589	152	260	207	168	51	198	
Centric			1132	1572	375	1510	1648	269	1447	5276	93	38,	9867	856	19	835	559	3376	1916	514	1068	1705	235	853	1203	93	24	573	
Flace1-	lates		93	130	207	134	271	344	263	367	191	184	252	148	116	126	233	148	219	388	11	572	475	323	389	275	112	877	
F11a-	mentous green		0	0	-	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	2	7	0	2	0	٣	
Coccodd	green		74	139	09	96	122	7.7	93	326	39	55	228	89	19	67	106	63	148	89	48	235	70	119	78	20	07	47	
Tilomon-	tous blue- green		37	7	-	37	2	П	41	135	-	1	37	9	0	11	0	19	19	9	19	6	9	4	6	1	-	4	
Process			19	09	20	74	67	157	141	9	101	425	45	20	129	26	39	11	52	134	29	110	110	87	90	141	372	97	
E		1972 cont	QN	12.9	13.0	QN	12.9	13.0	QN	13.0	13.0	13.1	13.0	13.0	13.0	N	13.0	2	12.9	13.0	QN	12.9	13.0	QN	13.0	13.5	14.0	QX	
	Station	15 OCTOBER 1972 cont.	NDC-1-0	NDC-1-1	NDC-1-2	NDC-2-0	NDC-2-1	NDC-2-3	NDC-4-0	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1	NDC-7-3	NDC-7-5	SDC5-0	SDC5-2	SDC-1-0	SDC-1-1	SDC-1-2	SDC-2-0	SDC-2-1	SDC-2-3	SDC-4-0	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	

TABLE 3 continued.

1.2. 1.2.	Station	Tem- pera- ture	Coccoid blue- green	Filamen- tous blue- green	Coccoid green	Fila- mentous green	Flage1- lates	Centric	Pennate diatoms	Desmids	Other algae	Total	Dominant species
8.9 0 17 67 0 416 902 122 400 0 15 157 157 9.0 11 7 52 2 247 1065 440 0 17 1847 8.0 0 9 9 9 22 247 1065 440 0 112 1847 8.0 0 2 2 27 26 638 90 0 9							25 AP	RIL 1973					
9.0 17 7 52 247 1065 440 0 17 1847 8.8 0 9 9 9 9 9 120 120 137 140 0 112 1847 8.0 0 2 27 0 329 530 137 0 0 9 100 112 1847 186 90 0 9 100 0 100 0 0 9 100 0 100 0 100 0 100 100 100 0 100 100 0 100 1	DC-2	8.9	0	17	67	0	416	905	122	c	33	1557	C+ on handle and a
8.8 0 9 89 0 328 533 137 0 5 12 5 14 2 14 2 14 2 14 2 14 2 14 2 14	DC-3	9.0	17	7	52	2	247	1065	077	· c		1877	Stephanodiscus minutus
8.0 0 2 3 13 0 307 240 105 0 9 9 105 548ehlates 11 11 11 11 11 11 11	DC-4	8.8	0	6	89	0	328	553	137	0	9	1122	Stephanodiscus minutus
6.7 6.8 7 7 9 307 240 105 0 5 686 0 ND 3 13 0 252 638 90 0 9 1005 2 9.8 0 11 217 9 354 508 113 0 48 1260 10.0 6 0 12 245 657 434 0 48 1260 10.0 0 259 3 245 657 434 0 48 1260 10.0 0 0 12 417 85 0 7 647 10.0 0 0 116 448 93 0 7 647 10.0 0 116 462 1004 382 0 1481 69 9.0 12 2 2 2 2 2 1442 3 144 144 144	DC-5	0.8	c	ç		ć							
0. ND 3 13 0 252 638 90 0 9 1005 2 9.8 2 384 757 237 0 1497	, y-		> 6	7 (/7	0	307	240	105	0	5	989	Flagellates
ND 22 3 75 9 354 757 237 0 1497 1497 1 9.8 0 11 217 9 354 508 113 0 48 1260 10.0 6 0 259 3 245 657 434 0 48 1260 10.0 0 6 0 132 417 85 0 7 647 10.0 0 0 13 448 93 0 7 647 10.0 0 2 11 0 116 448 93 0 7 647 9.5 0 13 0 12 1042 1048 93 0 1481 94 1481 94 1481 94 1481 94 1481 94 1481 94 1481 94 1481 94 1481 1481 94 1481 1481	ال ا	0.7	0	m	13	0	252	638	06	0	6	1005	Stephanodiscus minutus Flagellates
ND	0-0-0-0	g d	5 .	හ <u>;</u>	75	0	384	757	237	0	19	1497	Stephanodiscus minutus Flagellates
10.0 0 259 3 245 657 434 0 8 1612 10.0 0 0 132 417 85 0 7 647 10.0 0 0 116 448 93 0 7 647 10.0 0 2 1 0 116 448 93 0 7 647 9.5 0 13 70 0 203 974 220 0 11 1481 9.0 13 61 2 462 1004 382 0 12 1481 ND 0 0 13 241 607 106 0 12 1481 1061 1 1481 1061 1 1481 1 1061 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <td>DC 3-2</td> <td>8. ¥</td> <td>· ·</td> <td>II '</td> <td>217</td> <td>6</td> <td>354</td> <td>208</td> <td>113</td> <td>0</td> <td>87</td> <td>1260</td> <td>Flagellates Stephanodiscus minutus</td>	DC 3-2	8. ¥	· ·	II '	217	6	354	208	113	0	87	1260	Flagellates Stephanodiscus minutus
10.0 0 6 132 417 85 0 7 647 10.0 0 2 1 0 116 448 93 0 7 667 ND 0 3 10 2 462 1004 382 0 11 1481 9.0 13 61 2 462 1004 382 0 12 1946 9.0 12 13 61 2 574 2125 367 0 12 1946 ND 0 61 3 281 607 106 0 3 1061 3 1061 3 1061 3 1061 3 1061 3 1061 3 1061 3 1061 3 1061 3 3 1061 3 3 1061 3 3 1061 3 3 3 3 3 3 3 3 3		Q.	٥	o	259	m	245	657	434	0	∞	1612	Fragilaria crotonensis Glocosystis sp. Flagellates Stephanodisma minutus
ND 0 3 70 0 203 974 220 0 116 448 93 0 7 667 9.5 0 13 70 0 203 974 220 0 11 1481 9.5 0 13 61 2 462 1004 382 0 124 1946 9.0 12 6 2 542 1004 382 0 17 3109 ND 0 6 126 0 388 703 399 4 0 162 8.0 0 6 6 62 0 729 1048 652 1 40 2538 7.5 2 4 42 1 187 879 44 0 162 65 1 40 2538 1 40 1 1 1 1 1 1 1 1 1 1 <td>DC-1-1</td> <td>10.0</td> <td>0</td> <td>0</td> <td>9</td> <td>0</td> <td>132</td> <td>417</td> <td>85</td> <td>0</td> <td>7</td> <td>647</td> <td>Stephanodiscus minutus Stephanodiscus sp.</td>	DC-1-1	10.0	0	0	9	0	132	417	85	0	7	647	Stephanodiscus minutus Stephanodiscus sp.
ND 0 3 70 0 203 974 220 0 11 1481 9.5 0 13 61 2 462 1004 382 0 12 1946 9.0 12 10 2 574 2125 367 0 17 3109 ND 0 61 3 281 607 106 3 1061 3 1061 3 1061 3 1061 3 1061 3 1061 3 1061 3 1061 3	0C-1-2	10.0	0	7	7	0	116	448	93	0	7	299	sp.
9.5 0 13 61 2 462 1004 382 0 22 1946 9.0 12 10 2 574 2125 367 0 17 3109 ND 0 61 12 574 2125 367 0 17 3109 ND 0 61 62 0 388 703 399 4 0 1626 8.0 0 6 62 0 729 1048 652 1 40 2538 7.5 2 4 42 1 187 879 341 0 1472 1472 6.9 2 9 46 0 313 2035 657 0 19 42 19 ND 0 11 61 0 75 445 225 0 42 19 9.0 0 7 33 2 328)C-2-0	E	0	e	70	0	203	974	220	0	11	1481	Stephanodiscus minutus
9.0 12 10 2 574 2125 367 0 17 3109 ND 0 6 61 3 281 607 106 0 162 8.0 0 6 126 0 729 1048 652 1 40 2538 7.5 2 4 42 1 187 879 341 0 16 1472 6.9 2 9 46 0 313 2035 657 0 19 3081 ND 0 11 61 0 75 445 225 0 42 859 9.0 0 7 33 2 328 544 121 0 59 1094)C-2-1	9.5	0	13	61	2	462	1004	382	0	22	1946	Stephanodiscus minutus Flagellates
ND 0 61 3 281 607 106 0 3 1061 ND 0 6 126 0 388 703 399 4 0 1626 8.0 0 6 0 729 1048 652 1 40 2538 7.5 2 4 42 1 187 879 341 0 16 1472 6.9 2 9 46 0 313 2035 657 0 19 3081 ND 0 11 61 0 75 445 225 0 42 859 9.0 0 7 33 2 328 544 121 0 59 1094	2-7-3	9.0	12	10	7	2	574	2125	367	0	17	3109	Cyclotella sp.
ND 0 6 126 0 388 703 399 4 0 1626 8.0 0 6 62 0 729 1048 652 1 40 2538 7.5 2 4 42 1 187 879 341 0 16 1472 6.9 2 9 46 0 313 2035 657 0 19 3081 ND 0 11 61 0 75 445 225 0 42 859 9.0 0 7 33 2 328 544 121 0 59 1094	0-4-0	Q :	0	0	61	က	281	607	106	0	9	1061	Stephanodiscus minutus Flagellates
8.0 0 6 62 0 729 1048 652 1 40 2538 7.5 2 4 42 1 187 879 341 0 16 1472 6.9 2 9 46 0 313 2035 657 0 19 3081 ND 0 11 61 0 75 445 225 0 42 859 9.0 0 7 33 2 328 544 121 0 59 1094	X-4-1	Q	0	9	126	0	388	703	399	7	0	1626	Flagellates
7.5 2 4 42 1 187 879 341 0 16 1472 6.9 2 9 46 0 313 2035 657 0 19 3081 ND 0 11 61 0 75 445 225 0 42 859 9.0 0 7 33 2 328 544 121 0 59 1094	7-4-4 0-4-4	8.0	0	9	62	0	729	1048	652	7	40	2538	Flagellates
6.9 2 9 46 0 313 2035 657 0 19 3081 ND 0 11 61 0 75 445 225 0 42 859 650 0 7 33 2 328 544 121 0 59 1094	C-7-3	7.5	7	4	42	1	187	879	341	0	16	1472	Stephanodiscus minutus
ND 0 11 61 0 75 445 225 0 42 859 9.0 0 7 33 2 328 544 121 0 59 1094	C-7-5	6.9	2	6	97	0	313	2035	657	0	19	3081	Stephanodiscus minutus
9.0 0 7 33 2 328 544 121 0 59 1094	C5-0	8 (0	n	61	0	75	445	225	0	42	859	Melosira granulata Stephanodiscus minutus
	C 5-2	9.0	0	7	33	7	328	244	121	0	65	1094	Flagellates Stephanodiscus minutus

TABLE 3 continued.

Station	Tem- pera- ture	Coccoid blue- green	Filamen- tous blue- green	Coccoid	Fila- mentous green	Flagel- lates	Centric	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
25 APRIL 1973 cont	73 cont.											
SDC-1-0	QN	9	0	72	0	387	1001	1392	0	11	2959	Tabellaria fenestrata v. intermedia
SDC-1-1	8.3	0	0	28	0	154	249	176	2	17	1024	Stephanodiscus sp. Stephanodiscus minutus
SDC-1-2	9.0	0	7	70	9	997	801	241	0	26	1617	Flagellates Stephanodiscus minutus
SDC-2-0	S	0	0	39	0	61	609	212	0	œ	929	Stephanodiscus minutus
SDC-2-1	9.1	0	13	0	0	313	2474	412	0	7	3219	Cyclotella sp.
SDC-2-3	9.1	0	2	108	2	330	462	260	7	20	1186	Flagellates
SDC-4-1	8.5	0	0	2	0	124	1198	185	0	12	1521	Cyclotella sp.
SDC-4-3	9.1	0	0	39	0	186	512	108	0	2	847	Stephanodiscus minutus
SDC-4-4	6.5	0	7	0	4	132	677	87	0	56	702	Stephanodiscus minutus
SDC-7-1	8.1	0	0	30	7	102	458	271	7	0	867	Stephanodiscus minutus
SDC-7-3	9.0	0	0	2	0	223	1097	265	7	2	1591	Cyclotella sp.
SDC-7-5	8.0	0	ဧ	26	7	265	383	221	0	21	921	Flagellates Stephanodiscus minutus
						19	JULY 1973					
DC-2	23.1	22	22	940	0	121	3387	204	9	224	4626	Stephanodiscus tenuis
DC-3	23.0	16	4	65	0	24	341	9	-	8	465	Cyclotella stelligera
DC-4	23.5	7	2	13	0	165	274	125	0	87	634	Cyclotella stelligera Chlamydomonas sp.
DC-5	23.3	6	2	3	0	23	99	1	က	0	107	Cyclotella stelligera
DC-6	24.0	24	'n	97	0	206	399	7	0	15	697	Cyclotella atomus Chlamydomonas sp.
NDC5-2	22.8	11	19	397	0	106	2343	74	4	244	3498	Stephanodiscus tenuis
NDC-1-0	ND	15	13	198	2	69	1152	232	0	198	1879	Stephanodiscus tenuis
NDC-1-1	22.0	66	3	209	3	255	2008	209	0	675	6463	Stephanodiscus tenuis
NDC-1-2	22.0	96	7	09	7	394	1405	136	0	270	2370	Stephanodiscus tenuis
NDC-2-0	Q.	37	17	421	2	96	2135	184	0	302	3194	Stephanodiscus tenuis
NDC-2-1	21.8	17	10	09	0	185	2747	290	0	146	3455	Stephanodiscus tenuis

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Station	Temp. pera-	Coccoid blue- green	Filamen- tous blue- green	Coccoid green	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
19 JULY 19.	1973 cont.											
NDC-2-3	22.0	25	2	17	0	70	372	30	0	23	539	Cyclotella stelligera Cyclotella sp .
NDC-4-0	QN	5	9	117	0	07	976	43	0	72	1229	Stephanodiscus tenuis
NDC-4-1	21.5	0	11	173	7	39	93	77	4	24	377	Coccomyxa coccoides
NDC-4-3	21.5	412	9	180	0	83	158	113	0	7	959	Anacystis incerta
NDC-4-4	23.5	07	ĸ	52	0	246	241	\$	7	12	009	Chlamydomonas sp. Cyclotella stelligera
NDC-7-1	23.0	96	20	1345	2	276	3033	91	7	403	5273	Stephanodiscus tenuis
NDC-7-3	22.7	17	2	10	0	123	340	59	0	7	561	Cyclotella stelligera
NDC-7-5	23.0	15	12	92	0	105	72	26	0	9	328	Flagellates Gloeocystis sp.
SDC5-0	æ	7	124	12	0	74	573	89	0	23	881	Stephanodiscus tenuis Cyclotella steiligera
SDC5-2	24.0	14	7	57	0	330	3376	196	0	94	4014	Stephanodiscus tenuis Melosira granulata v. angustissima
SDC-1-0	QN	6	6	160	0	87	458	99	2	63	844	Stephanodiscus tenuis
SDC-1-1	23.5	51	15	73	5	356	1867	124	0	275	2766	Stephanodiscus tenuis Cyclotella sp.
SDC-1-2	23.2	25	2	86	2	237	3368	197	0	200	4132	Stephanodiscus tenuis
SDC-2-0	ON O	41	17	82	7	74	198	11	7	65	767	Stephanodiscus tenuis
SDC-2-1	25.0	20	7	22	0	191	1947	181	0	99	2429	Melosira granulata v. angustissima
SDC-2-3	24.6	71	22	452	12	293	3722	65	0	119	4756	Stephanodiscus tenuis
SDC-4-1	24.0	œ	7	170	0	92	1926	98	0	38	2327	Melosira granulata v. angustissima Stephanodiscus tenuis
SDC-4-3	23.2	134	5	98	0	9/	887	62	0	80	1275	Cyclotella stelligera
SDC-4-4	23.5	∞	6	51	0	316	395	· m	-	7	785	Cyclotella stelligera Chlamydomonas sp.
SDC-7-1	23.0	23	10	225	17	313	3034	172	0	91	3885	Stephanodiscus tenuis
SDC-7-3	23.0	45	13	371	٣	544	5399	265	0	55	9699	Stephanodiscus tenuis Melosira granulata v.

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Station	Tem- pera- ture	Coccoid blue- green	Filamen- tous blue- green	Coccoid	Fila- mentous green	Flagel- lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
19 JULY 1973 cont.	3 cont.											
SDC-7-5	23.0	1	3	10	0	643	104	7	0	9	174	Cyclotella stelligera
						23 OCT	23 OCTOBER 1973					
DC-2	15.5	45	æ	25	0	867	1038	247	0	51	1912	Melosira granulata v. angustissima
DC-3	15.1	23	20	26	0	465	1559	303	0	07	2436	Melosira granulata v. angustissima
DC-4	15.0	37	9	26	1	231	123	111	0	55	587	Flagellates
DC-5	14.9	45	9	55	2	379	110	.43	0	53	693	Flagellates
9C-6	15.8	09	7	5	0	232	70	98	7	9	897	Flagellates
NDC5-0	QN	18	28	87	0	650	1748	455	7	26	3005	Melosira granulata v. angustissima
NDC5-2	14.8	23	17	36	0	318	1445	538	7	36	2415	Melosira grænulata v. angustissima
NDC-1-0	ND	23	26	30	0	381	2382	697	0	22	3327	Melosira granulata v. angustissima
NDC-1-1	14.9	97	ю	15	0	184	1930	718	2	73	2971	Melosira granulata v. angustissima
NDC-1-2	14.5	45	18	26	0	768	2357	298	2	88	3603	Melosira granulata v. angustissima
NDC-2-0	QN	41	17	32	0	623	225	893	0	78	1909	Fragilaria crotonensis
NDC-2-1	15.3	38	e	22	0	952	2605	300	0	126	9707	Melosira granulata v. angustissima
NDC-2-3	15.1	28	'n	17	н	298	666	181	1	37	1567	Melosira granulata v. angustissima
NDC-4-3	15.2	41	4	7	0	427	335	232	0	∞	1054	Flagellates
NDC-4-4	15.1	17	0	2	0	131	18	258	9	5	787	Fragilaria crotonensis
NDC-7-1	15.3	13	33	0	0	1450	1266	222	0	78	3068	Flagellates, <i>Melosira</i> granulata v. angustissima
NDC-7-3	QN	20	œ	22	0	1392	1812	177	0	26	3487	Melosira granulata v. angustissima
NDC-7-5	15.2	28	2	2	0	741	142	9	0	18	993	Flagellates

TABLE 3 continued.

Station	Tem- pera- ture	Coccoid blue- green	Filamen- tous blue- green	Coccoid	Fila- mentous green	Flagel- lates	Centric	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
23 OCTOBER 1973 cont.	1973 со	ıt.										
SDC5-0	Q	10	2	23	0	334	1496	969	0	17	2478	Melosira granulata v. angustissima
SDC5-2	14.8	77	13	289	7	106	733	95	2	182	1448	Melosira granulata
SDC-1-0	QN	e	e	က	0	308	1278	439	0	15	2049	Melosira granulata v. angustissima
SDC-1-2	15.4	31	σ.	33	0	319	951	413	7	24	1782	Melosira granulata v. angustissima
SDC-2-1	16.0	26	œ	10	0	536	957	357	0	99	1960	Melosira granulata v. angustissima
SDC-2-3	15.7	36	m	45	0	1182	1203	336	0	41	2846	Melosira granulata v. angustissima Chlamydomonas sp.
SDC-4-0	ND	37	7	95	0	635	2152	1132	2	58	4113	Melosira granulata v. angustissima
SDC-4-1	15.7	28	7	œ	e	381	728	131	0	45	1331	Melosira granulata v. angustissima
SDC-4-3	16.1	26	۲	∞	e.	323	200	124	0	30	1021	Melosira granulata v. angustissima, Chlamydomonas sp.
SDC-4-4	15.2	81	2	13	3	324	38	121	2	13	597	Flagellates
SDC-7-1	17.1	97	10	10	0	675	975	417	0	78	2211	Melosira granulata v. angustissima
SDC-7-3	15.3	27	10	12	0	591	401	282	0	79	1349	Flagellates
SDC-7-5	15.2	26	7	13	0	420	175	179	က	2	828	Chlamydomonas sp. Flagellates

TABLE 4. Dominant and codominant phytoplankters in the seasonal surveys of 1972 and 1973.

Survey	Species or group	Dominant or codominant occurrences
12 APRIL 1972	Tabellaria fenestrata (diatom)	13
	Chlamydomonas sp. (flagellate)	8
	Cyclotella sp. (diatom)	7
	Stephanodiscus sp. (diatom)	6
	Gloeocystis sp. (green alga)	4
16 JULY 1972	Tabellaria fenestrata (diatom)	14
	Gloeocystis sp. (green alga)	5
	Chlamydomonas sp. (flagellate)	5
	Fragilaria intermedia (diatom)	4
	Fragilaria capucina (diatom)	4
	Fragilaria crotonensis (diatom)	3
	Dinobryon sp. (flagellate)	3
	Flagellates	2
	Anabaena sp. (blue-green alga)	2
	Glenodinium sp. (flagellate)	1
	<i>Oocystis</i> sp. (green alga)	1
15 OCT 1972	Melosira granulata (diatom)	26
	Chroococcus limneticus (blue-green alga)	4
	Flagellates	3
	Chroococcus sp. (blue-green alga)	2
25 APRIL 1973	Stephanodiscus minutus (diatom)	21
	Flagellates	12
	Cyclotella sp. (diatom)	5
	Stephanodiscus sp. (diatom)	
	Fragilaria crotonensis (diatom)	1
	Gloeocystis sp. (green alga)	1
	Chlamydomonas sp. (flagellate)	1
	Melosira granulata (diatom)	1
	Tabellaria fenestrata v. intermedia (diatom	n) 1
19 JULY 1973	Stephanodiscus tenuis (diatom)	19
	Cyclotella stelligera (diatom)	10
	Melosira granulata v. angustissima (diatom)	4
	Chlamydomonas sp. (flagellate)	4
	Cyclotella sp. (diatom)	2
	Cyclotella atomus (diatom)	1
	Anacystis incerta (blue-green alga)	1
	Flagellates	1
	Gloeocystis sp. (green alga)	1
	Coccomyxa coccoides (green alga)	1

TABLE 4 continued.

Survey	Species or group	Dominant or codominant occurrences
23 OCT 1973	Melosira granulata v. angustissima Flagellates	20 9
	Chlamydomonas sp. (flagellate) Fragilaria crotonensis (diatom)	3 2
	Melosira granulata (diatom)	1

TABLE 5. Master lists of phytoplankton collected.

12 APRIL 1972

Achnanthes sp. Actinastrum hantzschii v. fluviatile Amphipleura pellucida Amphiprora ornata Amphora ovalis Anabaena sp. Anacystis sp. Ankistrodesmus falcatus Ankistrodesmus falcatus v. mirabilis Ankistrodesmus gelifactus Ankistrodesmus sp. Ankistrodesmus sp. Ankistrodesmus sp. Ankistrodesmus sp. Ankistrodesmus sp. Ankistrodesmus sp. Aphanothece sp.	Coelastrum sp. Coelosphaerium sp. Cosmarium sp. Crucigenia quadrata Crucigenia sp. Cryptomonas sp. Cyclotella ocellata Cyclotella sp. Cyclotella stelligera Cymatopleura solea Cymatopleura sp. Cymbella microcephala Cymbella sp. Dactylococcopsis sp. Diatom, unknown Diatoma tenue
Aphanocapsa sp.	Diatoma tenue
Asterionella formosa Asterionella gracillima	Diatoma tenue v. elongatum Diatoma vulgare
Blue-green unknown colony Blue-green unknown filament	Dictyosphaerium sp. Dinobryon cysts
Chlamydomonas sp. Chroococcus sp.	Dinobryon divergens Dinobryon sp.
Closteriopsis longissima Closteriopsis sp. Closterium acirculare	Dinoflagellates Diplostauron sp.
Closterium sp. Cocconeis pediculus	Flagellates Fragilaria capucina Fragilaria crotonensis
Cocconeis sp.	Fragilaria intermedia

12 APRIL 1972 cont.

Fragilaria intermedia v. fallax Fragilaria leptostauron Fragilaria pinnata Fragilaria pinnata v. lancettula Fragilaria sp. Glenodinium sp. Gloeocystis sp. Gomphonema olivaceum Gomphonema sp. Gomphosphaeria aponina Gomphosphaeria sp. Green colony, unknown Green filament, unknown Green solitary, unknown Lagerheimia sp. Melosira granulata Melosira islandica Melosira italica Melosira sp. Merismopedia sp. Mougeotia sp. Navicula capitata Navicula decussis Navicula gastrum Navicula grimmei Navicula pupula v. rostrata Navicula sp. Navicula sp. #25 Navicula tripunctata Navicula tripunctata v. cuneata Navicula vulpina Nitzschia acicularis Nitzschia bacata Nitzschia dissipata

Nitzschia sp. Nitzschia sp. #2 Ochromonas sp. Oedogonium sp. Oocystis sp. Opephora sp. Ophiocytium sp. Oscillatoria sp. Pediastrum boryanum Pediastrum simplex Peridinium sp. Phacus sp. Rhizosolenia eriensis Rhizosolenia gracilis Rhizosolenia sp. Scenedesmus dimorphus Scenedesmus quadricauda Scenedesmus sp. Sphaerocystis sp. Stephanodiscus binderanus Stephanodiscus sp. Stephanodiscus transilvanicus Surirella angusta Synedra delicatissima Synedra filiformis Synedra ostenfeldii Synedra sp. Synedra ulna Tabellaria fenestrata Tetraedron caudatum Tetraedron minimum Tetraedron sp.

16 JULY 1972

Amphipleura pellucida
Amphora sp.
Anabaena sp.
Ankistrodesmus braunii
Ankistrodesmus falcatus
Ankistrodesmus sp.
Ankistrodesmus sp. #2
Ankistrodesmus sp. #3
Ankistrodesmus sp. #5

Aphanothece sp.
Asterionella formosa
Blue-green unknown colony
Ceratium hirundinella
Ceratium sp.
Characium sp.
Chlamydomonas sp.
Chroococcus sp.
Closteriopsis longissima

Westelia botryoides

16 JULY 1972 cont.

Coelastrum microporum Cosmarium sp. Crucigenia sp. Cryptomonas sp. Cyclotella atomus Cyclotella comta Cyclotella comta v. bodanica Cyclotella cryptica Cyclotella glomerata Cyclotella kuetzingiana Cyclotella meneghiniana Cyclotella michiganiana Cyclotella ocellata Cyclotella sp. Cyclotella stelligera Cymatopleura solea Dactylococcopsis sp. Diatoma tenue Diatoma tenue v. elongatum Dinobryon divergens Dinobryon sociale Dinobryon sp. Dinoflagellates Euglena sp. Flagellates Fragilaria capucina Fragilaria crotonensis Fragilaria intermedia Fragilaria sp. Franceia sp. Glenodinium sp. Gloeocystis planctonica Gloeocystis sp. Gloeothece sp. Gomphosphaeria aponina Gomphosphaeria lacustris Green filament, unknown Green solitary, unknown Hemidinium sp. Kirchneriella sp. Mallomonas caudata Mallomonas sp. Melosira granulata Melosira islandica Melosira sp. Navicula decussis

Navicula sp. Navicula viridula v. rostelata Neidium sp. Nitzschia acicularis Nitzschia acicularoides Nitzschia bacata Nitzschia confinis Nitzschia delicatissima Nitzschia dissipata Nitzschia holsatica Nitzschia insecta Nitzschia palea Nitzschia paleacea Nitzschia recta Nitzschia sp. Nitzschia sp. #1 Nitzschia sp. #2 Ochromonas sp. Oedogonium sp. Occystis sp. Pediastrum sp. Peridinium sp. Quadrigula lacustris Rhizosolenia eriensis Rhoicosphenia curvata Scenedesmus bicellularis Scenedesmus falcatus Scenedesmus quadricauda Scenedesmus serratus Scenedesmus sp. Schroederia sp. Selenastrum sp. Sorastrum spinulosum Sphaerocystis schroeteri Sphaerocystis sp. Spores Stephanodiscus alpinus Stephanodiscus astraea Stephanodiscus binderanus Stephanodiscus hantzschii Stephanodiscus minutus Stephanodiscus sp. Stephanodiscus subtilis Stephanodiscus tenuis Surirella angusta Synedra delicatissima

16 JULY 1972 cont.

Synedra demerarae Synedra ostenfeldii Synedra sp. Synedra ulna

Synura sp. Tabellaria fenestrata Tetraedron minimum

15 OCTOBER 1972

Achnanthes clevei v. rostrata Achnanthes exigua Achnanthes lanceolata v. dubia Achnanthes sp. Actinastrum hantzschii v. fluviatile Amphipleura pellucida Amphiprora ornata Amphora ovalis Amphora ovalis v. pediculus Amphora sp. Anabaena sp. Anacystis sp. Ankistrodesmus falcatus Ankistrodesmus sp. #1 Ankistrodesmus sp. #2 Ankistrodesmus sp. #3 Aphanocapsa sp. Asterionella formosa Blue-green unknown filament Caloneis ventricosa v. minuta Ceratium hirundinella Chlamydomonas sp. Chlorococcum sp. Chrococcus sp. Chroococcus limneticus Chroococcus turgidus Closteriopsis longissima Closteriopsis sp. Cocconeis sp. Coelastrum sp. Coelosphaerium collinsii Coelosphaerium sp. Cosmarium sp. Crucigenia fenestrata Crucigenia quadrata Cryptomonas sp. Cyclotella atomus Cyclotella comta

Cyclotella comta v. bodanica Cyclotella cryptica Cyclotella glomerata Cyclotella kuetzingiana Cyclotella meneghiniana Cyclotella meneghiniana v. plana Cyclotella michiganiana Cyclotella sp. Cyclotella stelligera Cymatopleura solea Cymbella ventricosa Dactylococcopsis acicularis Dactylococcopsis sp. Diatoma tenue v. elongatum Diatoma vulgare Diatoma vulgare v. breve Dinobryon divergens Dinoflagellates Euglena sp. **Flagellates** Fragilaria capucina Fragilaria construens Fragilaria construens v. pumila Fragilaria construens v. venter Fragilaria crotonensis Fragilaria intermedia Fragilaria leptostauron Fragilaria pinnata Fragilaria vaucheriae Glenodinium sp. Gloeocystis sp. Gomphonema olivaceum Gomphonema parvulum Gomphosphaeria aponina Gomphosphaeria sp. Green filament, unknown Gyrosigma acuminatum Kirchneriella sp. Mallomonas pseudocoronata

15 OCTOBER 1972 cont.

Melosira distans Rhoicosphenia curvata Melosira distans v. alpigena

Melosira granulata

Melosira granulata v. angustissima

Merismopedia elegans Navicula amphiceros Navicula capitata

Navicula capitata v. luneburgensis

Navicula cryptocephala

Navicula gastrum Navicula lanceolata Navicula menisculus Navicula platystoma

Navicula rhynchocephala

Navicula sp. Navicula sp. #78 Navicula tripunctata

Neidium dubium Nitzschia acicularis Nitzschia acuta

Nitzschia amphibia

Nitzschia amphibia v. fossilis

Nitzschia angusta

Nitzschia angusta v. acuta

Nitzschia bacata Nitzschia capitellata Nitzschia confinis Nitzschia dissipata Nitzschia filiformis Nitzschia fonticola

Nitzschia frustulum Nitzschia palea Nitzschia paleacea Nitzschia parvula

Nitzschia recta Nitzschia romana Nitzschia sp. Nitzschia sp. #1

Nitzschia sp. #2 Nitzschia sp. #7 Nitzschia sp. #9

Nitzschia spiculoides Oestrupia zachariasi

Oocystis sp. Pediastrum duplex Rhizosolenia eriensis Scenedesmus abundans

Scenedesmus abundans v. longicauda

Scenedesmus bicellularis Scenedesmus dimorphus Scenedesmus falcatus Scenedesmus quadricauda

Scenedesmus sp.

Scenedesmus wisconsinensis

Selenastrum sp. Sphaerocystis sp. Spirogyra sp. Staurastrum sp.

Stephanodiscus alpinus Stephanodiscus astraea Stephanodiscus binderanus Stephanodiscus hantzschii Stephanodiscus minutus Stephanodiscus niagarae Stephanodiscus sp. Stephanodiscus subtilis

Stephanodiscus tenuis

Stephanodiscus transilvanicus

Surirella angusta

Surirella ovata v. pinnata

Synedra acus

Synedra capitata v. fossilis

Synedra delicatissima v. angustissima

Synedra demerarae Synedra fasciculata Synedra filiformis Synedra minuscula Synedra ostenfeldii

Synedra parasitica v. subconstricta

Synedra pulchella Sunedra rumpens Synedra sp. Synedra sp. #11 Synedra tenera Synedra ulna

Synedra ulna v. chaseana

Synedra vaucheriae v. capitellata

Tabellaria fenestrata Tetraedron caudatum

Tetraedron caudatum v. longispina

Tetraedron minimum

15 OCTOBER 1972 cont.

Tetraedron muticum

Tetrastrum staurogeniaeforme

Treubaria trigonum

25 APRIL 1973

Achnanthes sp.
Amphipleura pellucida
Amphiprora ornata
Amphora hemicycla

Amphora ovalis Amphora ovalis v. pediculus

Amphora sp.
Anacystis sp.

Ankistrodesmus braunii Ankistrodesmus falcatus Ankistrodesmus falcatus v.

mirabilis

Ankistrodesmus falcatus v. tumidus

 ${\it Ankistrodes mus\ gelifactum}$

Ankistrodesmus sp. #1
Ankistrodesmus sp. #3

Aphanocapsa sp. Aphanothece sp.

Asterionella bleakeleyi Asterionella formosa Asterionella gracillima

Attheya sp.

Blue-green unknown colony
Blue-green unknown filament

Botryococcus braunii
Chlamydomonas sp.
Chlorococcum sp.
Chroococcus dispersus
Chroococcus limneticus

Chroococcus sp. Chroococcus turgidus Closteriopsis longissima

Closterium sp.
Coccomyxa coccoides
Coccomyxa minor
Cocconeis sp.

Coelosphaerium naegelianum

Coelosphaerium sp.

Coscinodiscus tuberculatus

Cosmarium sp.

Crucigenia apiculata
Crucigenia quadrata
Cryptomonas sp.
Cyclotella atomus
Cyclotella cryptica
Cyclotella glomerata
Cyclotella kuetzingiana
Cyclotella meneghiniana

Cyclotella meneghiniana v. plana

Cyclotella michiganiana Cyclotella ocellata

Cyclotella pseudostelligera

Cyclotella sp.

Cyclotella stelligera Cyclotella temperei Cymatopleura solea

Cymatopleura solea v. apiculata

Cymbella ventricosa Dactylococcopsis sp.

Diatoma tenue

Diatoma tenue v. elongatum Diatoma tenue v. pachycephala

Diatoma vulgare

Diatoma vulgare v. breve Dictyosphaerium pulchellum

Dinobryon divergens Dinobryon sp. Dinoflagellates Euglena sp. Eunotia sp. Flagellates

Fragilaria brevistriata
Fragilaria capucina
Fragilaria construens
Fragilaria crotonensis
Fragilaria intermedia
Fragilaria pinnata
Fragilaria sp.

Glenodinium sp. Gloeocystis major

Gloeocystis planctonica

25 APRIL 1973 cont.

Gloeocystis sp. Gomphonema olivaceum Gomphonema sp. Gomphosphaeria sp. Green coccoid, unknown Green colony, unknown Green filament, unknown Green solitary, unknown Gymnodinium sp. Kirchneriella sp. Mallomonas pseudocoronata Mallomonas sp. Melosira distans v. alpigena Melosira granulata Melosira granulata v. angustissima Melosira islandica Melosira italica Melosira italica subsp. subarctica Melosira varians Meridion circulare Microcystis aeruginosa Mougeotia sp. Navicula capitata Navicula clementis v. quadristigmata Navicula costulata Navicula gastrum Navicula lanceolata Navicula latens Navicula radiosa Navicula sp. Navicula tripunctata Nitzschia acicularis Nitzschia acicularoides Nitzschia acuta Nitzschia amphicephala Nitzschia apiculata Nitzschia bacata Nitzschia capitellata Nitzschia confinis Nitzschia dissipata Nitzschia dissipata v. media Nitzschia fonticola Nitzschia hungarica

Nitzschia linearis Nitzschia longissima Nitzschia palea Nitzschia recta Nitzschia sigma Nitzschia sp. Nitzschia sp. #1 Nitzschia sp. #2 Nitzschia sp. #12 Nitzschia spiculoides Nitzschia tryblionella Oedogonium sp. Oocystis solitaria Oocystis sp. Oocystis submarina Opephora martyi Oscillatoria limnetica Oscillatoria sp. Oscillatoria spirulina Peridinium sp. Phacus sp. Phormidium sp. Pinnularia sp. Quadrigula lacustris Rhizosolenia eriensis Rhizosolenia gracilis Rhizosolenia longiseta Rhoicosphenia curvata Scenedesmus bicellularis Scenedesmus bijuga Scenedesmus quadricauda Scenedesmus sp. Sphaerocystis sp. Spirulina nordstedtii Staurastrum sp. Stephanodiscus alpinus Stephanodiscus astraea Stephanodiscus binderanus Stephanodiscus hantzschii Stephanodiscus minutus Stephanodiscus niagarae Stephanodiscus sp. Stephanodiscus sp. #5 Stephanodiscus subtilis Stephanodiscus tenuis Stephanodiscus transilvanicus

25 APRIL 1973 cont.

Surirella angusta
Surirella ovalis
Surirella sp.
Synedra acus
Synedra delicatissima
Synedra delicatissima
V.
angustissima
Synedra demerarae
Synedra fasciculata
Synedra filiformis
Synedra minuscula
Synedra montana
Synedra ostenfeldii

Synedra parasitica
Synedra sp.
Synedra tenera
Synedra ulna
Synedra ulna v. chaseana
Synedra ulna v. danica
Synedra ulna v. longissima
Synedra ulna v. spathulifera
Tabellaria fenestrata
Tabellaria fenestrata v. geniculata
Tabellaria fenestrata v. intermedia
Tabellaria flocculosa
Ulothrix sp.

19 JULY 1973

Achnanthes lanceolata v. dubia Achnanthes sp. Achnanthes sp. #1 Actinastrum hantzschii Actinastrum hantzschii v. fluviatile Actinastrum sp. Amphora ovalis Amphora ovalis v. libyca Amphora ovalis v. pediculus Amphora sp. Anabaena circinalis Anabaena flos-aquae Anabaena sp. Anabaena sp. #2 Anacystis incerta Anacystis sp. Ankistrodesmus falcatus Ankistrodesmus gelifactum Ankistrodesmus sp. Ankistrodesmus sp. #1 Ankistrodesmus sp. #2 Ankistrodesmus sp. #3 Ankistrodesmus sp. #5 Aphanizomenon flos-aquae Asterionella formosa Asterionella formosa v. gracillima Blue-green unknown cells Blue-green unknown colony Borodinella polytetras

Botryococcus braunii Botryococcus sp. Caloneis sp. Ceratium hirundinella Chaetopeltis orbicularis Chlamydomonas sp. Chroococcus dispersus Chroococcus dispersus v. minor Chroococcus limneticus Chroococcus pallidus Chroococcus prescottii Chrococcus sp. Coccomyxa coccoides Cocconeis diminuta Cocconeis placentula Cocconeis placentula v. euglypta Cocconeis sp. Coelastrum sp. Coelastrum sphaericum Conococcus elongatus Cosmarium sp. Crucigenia apiculata Crucigenia quadrata Crucigenia sp. Crucigenia tetrapedia Crucigenia truncata Cryptomonas sp. Cyclotella atomus Cyclotella comta Cyclotella cryptica

19 JULY 1973 cont.

Cyclotella kuetzingiana Cyclotella meneghiniana

Cyclotella meneghiniana v. plana Cyclotella michiganiana Cyclotella ocellata Cyclotella operculata Cyclotella sp. Cyclotella stelligera Dactylococcopsis sp. Dictyosphaerium pulchellum Desmid Dinoflagellates Diatoma tenue v. elongatum Diatoma tenue v. pachycephala Diatoma vulgare Dinobryon divergens Dinobryon sociale Echinosphaerella limnetica Elakatothrix gelatinosa Elakatothrix viridis Euglena sp. Flagellates Fragilaria brevistriata Fragilaria capucina Fragilaria construens Fragilaria crotonensis Fragilaria intermedia Fragilaria pinnata Franceia droescheri Glenodinium sp. Gloeocystis planctonica Gloeocystis sp. Gloeocystis vesiculosa Gomphosphaeria lacustris Gomphosphaeria lacustris v. compacta Gomphosphaeria sp. Gomphonema olivaceum Gomphonema sp. Gonium sociale Green coccoid, unknown Green colony, unknown Green filament, unknown Green solitary, unknown Gymnodinium sp. Kirchneriella contorta

Kirchneriella obesa Kirchneriella sp. Lagerheimia longiseta Mallomonas sp. Marssoniella elegans Melosira granulata Melosira granulata v. angustissima Melosira granulata v. muzzanensis Melosira italica Merismopedia elegans Merismopedia glauca Merismopedia sp. Micractinium pusillum Microcystis aeruginosa Microcystis sp. Mougeotia sp. Navicula capitata Navicula costulata Navicula cryptocephala Navicula cryptocephaloides Navicula decussis Navicula radiosa Navicula sp. Navicula tripunctata Neidium sp. Nephrocytium sp. Nitzschia acicularis Nitzschia acicularoides Nitzschia bacata Nitzschia capitellata Nitzschia confinis Nitzschia dissipata Nitzschia palea Nitzschia paleacea Nitzschia sp. Nitzschia sp. #2 Ochromonas sp. Oocystis sp. Ophiocytium sp. Oscillatoria limnetica Oscillatoria sp. Pediastrum duplex Pediastrum duplex v. gracillimum Pediastrum duplex v. rotundatum Pediastrum sp. Peridinium sp.

19 JULY 1973 cont.

Phormidium sp.
Quadrigula lacustris
Rhizochrysis sp.
Rhizosolenia eriensis
Rhizosolenia longiseta
Rhoicosphenia curvata
Scenedesmus abundans
Scenedesmus abundans v. brevicauda

Scenedesmus acuminatus
Scenedesmus bicellularis

Scenedesmus bijuga

Scenedesmus bijuga v. alternans

Scenedesmus denticulatus Scenedesmus dimorphus Scenedesmus falcatus

Scenedesmus incrassatulatus Scenedesmus longispina

Scenedesmus opoliensis v. contacta

Scenedesmus printzii Scenedesmus quadricauda

Scenedesmus quadricauda v.

longispina Scenedesmus quadricauda v. maximus

Scenedesmus quadricauda v. parvus

Scenedesmus serratus Scenedesmus sp.

Scenedesmus tenuispina Scenedesmus wisconsinensis

Schroederiella papillata Selenastrum minutum

Selanastrum sp.

Sphaerocystis schroeteri

Spores

Staurastrum sp.

Stephanodiscus alpinus Stephanodiscus binderanus Stephanodiscus hantzschii Stephanodiscus minutus Stephanodiscus sp. Stephanodiscus subtilis

Stephanodiscus subtilis Stephanodiscus tenuis Surirella angusta

Synedra acus

Synedra delicatissima

Synedra delicatissima v. angustissima

Synedra filiformis Synedra minuscula Synedra ostenfeldii Synedra parasitica

Synedra sp. Synedra ulna

Synedra ulna v. chaseana Tabellaria fenestrata

Tabellaria fenestrata v. intermedia

Tabellaria flocculosa Tetradesmus smithii Tetraedron caudatum

Tetraedron caudatum v. longispina

Tetraedron minimum
Tetraedron minutum
Tetraedron pentaedricum
Tetraedron regulare

Tetraedron regulare v. incus

Tetraedron sp.
Tetraedron trigonum

Tetraedron trigonum v. gracile

Tetraedron tumidulum Westella linearis

23 OCTOBER 1973

Achnanthes clevei

Achnanthes clevei v. rostrata

Achnanthes exigua Achnanthes lanceolata

Achnanthes sp.

Amphipleura pellucida Amphiprora ornata Amphora ovalis Amphora ovalis v. libyca Amphora ovalis v. pediculus

Amphora sp. Amphora veneta Anabaena circinalis Anabaena flos-aquae

Anabaena sp. Anacystis incerta

23 OCTOBER 1973

Anacystis sp. Ankistrodesmus falcatus Ankistrodesmus gelifactum Ankistrodesmus sp. Ankistrodesmus sp. #1 Ankistrodesmus sp. #3 Cymbella sp. Ankistrodesmus sp. #5 Aphanocapsa sp. Asterionella formosa Blue-green unknown colony Caloneis ventricosa Caloneis ventricosa v. trunculata Ceratium hirundinella Ceratium sp. Characium limneticum Chlamydomonas sp. Chroococcus limneticus Dinoflagellates Chroococcus prescottii Diploneis sp. Chrococcus sp. Flagellates Closteriopsis longissima Closteriopsis sp. Closterium sp. Coccomyxa coccoides Coccomyxa sp. Cocconeis pediculus Cocconeis placentula v. euglypta Coelastrum sp. Coelastrum sphaericum Coelosphaerium naegelianum Coscinodiscus sp. Glenodinium sp. Cosmarium sp. Crucigenia apiculata Gloeocystis sp. Crucigenia quadrata Crucigenia sp. Cryptomonas sp. Cyclotella atomus Cyclotella auxospore Cyclotella comta Cyclotella cryptica Cyclotella kuetzingiana Cyclotella meneghiniana Cyclotella meneghiniana v. plana Cyclotella michiganiana Mallomonas sp. Cyclotella ocellata Cyclotella pseudostelligera Cyclotella sp. Melosira granulata v. angustissima

Cyclotella stelligera Cyclotella striata Cymatopleura solea Cymatopleura solea v. apiculata Cymatopleura sp. Dactylococcopsis acicularis Dactylococcopsis sp. Diatoma tenue v. elongatum Diatoma tenue v. pachycephala Dictyosphaerium pulchellum Dimorphococcus sp. Dinobryon bavaricum Dinobryon divergens Dinobryon sociale Dinoflagellate cysts Fragilaria brevistriata Fragilaria capucina Fragilaria capucina v. lanceolata Fragilaria capucina v. mesolepta Fragilaria construens Fragilaria construens v. pumila Fragilaria crotonensis Fragilaria intermedia Fragilaria pinnata Fragilaria vaucheriae Gloeocystis planctonica Gomphonema olivaceum Gomphosphaeria lacustris Gomphosphaeria lacustris v. compacta Gomphosphaeria sp. Green coccoid, unknown Green colony, unknown Green filament, unknown Green solitary, unknown Kirchneriella elongata Kirchneriella sp. Melosira ambigua Melosira granulata

23 OCTOBER 1973 cont.

Melosira islandica Melosira italica

Melosira italica subsp. subarctica

Merismopedia elegans Merismopedia sp. Microcystis aeruginosa

Microcystis sp.

Navicula anglica v. subsalsa

Navicula capitata Navicula costulata Navicula decussis Navicula gastrum Navicula pupula Navicula sp.

Navicula tripunctata

Neidium sp.

Nitzschia acicularis Nitzschia amphibia

Nitzschia amphibia v. fossilis

Nitzschia bacata Nitzschia confinis Nitzschia dissipata

Nitzschia fonticola Nitzschia frustulum Nitzschia hungarica Nitzschia linearis

Nitzschia palea
Nitzschia paleacea
Nitzschia parvula
Nitzschia sp.
Nitzschia sp. #1
Nitzschia sp. #10
Nitzschia sp. #20
Nitzschia spiculoides

Oocystis sp.

Oscillatoria limnetica

Oscillatoria sp. Pediastrum duplex

Pediastrum duplex v. gracillimum

Pediastrum simplex Pediastrum sp. Pediastrum tetras

Peridinium sp.
Phormidium sp.
Pinnularia sp.

Quadrigula lacustris

Quadrigula sp.

Rhizosolenia eriensis Rhizosolenia longiseta Scenedesmus abundans Scenedesmus acuminatus Scenedesmus acutiformis Scenedesmus bernardi Scenedesmus bicellularis

Scenedesmus bijuga Scenedesmus denticulatus Scenedesmus dimorphus Scenedesmus falcatus Scenedesmus incrassatulus Scenedesmus quadricauda

Scenedesmus quadricauda v. longispina Scenedesmus quadricauda v. maximus

Scenedesmus serratus Scenedesmus sp.

Scenedesmus wisconsinensis

Schroederia judayi

Schroederiella papillata

Selenastrum sp. Sorastrum americanum Sphaerocystis schroeteri

Spores

Staurastrum sp.

Stephanodiscus alpinus Stephanodiscus astraea Stephanodiscus binderanus Stephanodiscus hantzschii Stephanodiscus minutus Stephanodiscus niagarae Stephanodiscus sp. Stephanodiscus subtilis Stephanodiscus tenuis

Stephanodiscus transilvanicus

Surirella angusta Surirella sp. Synedra acus

Synedra delicatissima

Synedra delicatissima v. angustissima

Synedra demerarae Synedra filiformis Synedra ostenfeldii Synedra parasitica

Synedra sp.

TABLE 5 continued.

23 OCTOBER 1973 cont.

Synedra ulna
Synedra ulna v. chaseana
Synedra ulna v. danica
Tabellaria fenestrata
Tabellaria fenestrata v.
intermedia
Tabellaria flocculosa

Tetraedron minimum
Tetraedron minutum
Tetraedron pentaedricum
Tetraedron sp.
Tetraedron trigonum
Tetrastrum staurogeniaeforme
Ulothrix sp.

TABLE 6. Numbers of phytoplankton species or groups, numbers of individuals per milliliter, and diversity indices of the 1972 and 1973 station collections.

Station	Species or groups	Individ- uals/ml	Div. index	Station	Species or groups	Individ- uals/ml	Div. index
	12 APRIL 1	1972		SDC5-1 SDC-7-4	23 24	1139 2495	3.02
DC-1	26	930	3.36				
DC-2	38	964	3.34	overall ave.	. diversity index	ndex	3.48
DC-3	39	666	3.12				
DC-4	43	794	3.15		16 JULY 1972	1972	
DC-5	37	717	3.24				
DC-6	20	132	2.78	DC-1	18	160	3.26
NDC.25-1	31	1770	3.77	DC-2	35	359	3.46
NDC5-0	34	4641	3.28	DC-3	26	134	3.18
NDC5-1	39	1057	3.49	DC-4	20	65	3.32
NDC5-2	29	1926	3.21	DC-5	21	219	2.96
NDC5-3	53	2520	3.79	9-20	18	180	2.66
NDC-1-0	36	1306	3.08	NDC5-0	23	1859	3.20
NDC-1-1	84	3922	3.78	NDC5-2	25	174	3.78
NDC-1-3	94	2049	3.82	NDC-1-0	30	744	3.43
NDC-2-0	27	4040	3.15	NDC-1-1	39	459	3.53
NDC-2-2	36	3029	3.87	NDC-1-2	26	121	2.91
NDC-2-3	43	2044	3.68	NDC-20	19	669	2.75
NDC-2-4	34	855	3.88	NDC-2-1	23	243	3.20
NDC-4-0	33	4074	3.13	NDC-2-3	20	26	3.31
NDC-4-1	48	4597	3.89	NDC-4-0	13	97	2.67
NDC-4-2	53	8309	3.39	NDC-4-1	77	276	3.67
NDC-4-3	31	1581	3.50	NDC-4-3	20	308	2.38
NDC-4-4	35	584	3.34	NDC-4-4	11	221	2.18
NDC-7-1	47	3702	3.81	NDC-7-1	7	47	\vdash
NDC-7-2	41	3690	3.97	NDC-7-3	32	855	7
NDC-7-3	40	1166	3.81	NDC-7-5	12	78	2.21
NDC-7-5	77	1530	3.36	SDC5-2	18	203	2

TABLE 6 continued.

	or groups	uals/ml	index	Station	or groups	individ- uals/ml	index
16 JULY 1972 cc	cont.			NDC-2-0	97	2185	3.29
SDC-1-0	25	1421		NDC-2-1 NDC-2-3	54 54	2703 1639	2.62 3.10
SDC-1-1	25	369	3.40	NDC-4-0	31	2126	2.51
SDC-1-2	23	236	•	NDC-4-1	65	7923	3.16
SDC-2-0	22	380	•	NDC-4-3	36	635	3.23
SDC-2-1	38	379	•	NDC-4-4	28	740	2.18
SDC-2-3	20	138	•	NDC-7-1	99	7165	2.80
SDC-4-0	16	1234	•	NDC-7-3	65	1366	2.84
SDC-4-1	21	909	•	NDC-7-5	30	342	2.87
SDC-4-3	17	104	•	SDC5-0	38	1918	3.24
SDC-4-4	12	360	•	SDC5-2	41	1183	2.84
SDC-7-2	12	221	•	SDC-1-0	42	4300	2.22
SDC-7-3	11	143	•	SDC-1-1	53	3363	2.65
SDC-7-5	16	367	•	SDC-1-2	62	1423	3.09
				SDC-2-0	28	1447	2.48
Overall ave. di	diversity index	h.i	3.02	1	99	3335	3.04
				SDC-2-3	43	1043	2.90
	15 OCTOBER 197	72		SDC-4-0	33	1677	3.21
				SDC-4-1	51	2013	2.58
DC-2	41	2088	•	SDC-4-3	07	745	3.10
DC-3	74	1036	•	SDC-4-4	35	624	2.39
DC-4	41	1296	•	SDC-7-1	62	1338	2.92
DC-5	34	478	•	SDC-7-3	69	1581	3.19
DC-6	26	784	•	SDC-7-5	38	1134	2.31
NDC5-0	41	3350	•				
NDC.5-2	87	1932	•	Overall ave.	diversity index	SX:	2.85
NDC-1-0	77	1662	•				
NDC-1-1	62	2280	2.65				
NDC-1-2	43	247	•				

TABLE 6 continued.

	1 (1)	Individ-	Div.		(1)	Individ-	Div.
Station	or groups	uals/ml	ındex	Station	or groups	uals/ml	ındex
	25 APRIL 1973	1973		SDC-4-4	37	701	3.80
				SDC-7-1	41	998	4.16
DC-2	42	1556		SDC-7-3	32	1591	3.37
DC-3	53	1846	3.74	SDC-7-5	45	922	3.50
DC-4	34	1122					
DC-5	51	687		Overall ave.	. diversity index	dex	3.63
DC-6	54	1006					
NDC5-0	37	1497			19 JULY 1973	1973	
NDC5-2	47	1261	•				
NDC-1-0	39	1611		DC-2	62	4626	3.40
NDC-1-1	29	249	•	DC-3	22	466	2.20
NDC-1-2	52	999	3.91	DC-4	24	635	3.06
NDC-2-0	37	1481	•	DC-5	16	106	2.64
NDC-2-1	47	1946	•	DC-6	32	269	2.83
NDC-2-3	47	3110	•	NDC5-2	55	3497	3.56
NDC-4-0	28	1060	3.20	NDC-1-0	09	1879	3.88
NDC-4-1	77	1625	•	NDC-1-1	26	6461	3.15
NDC-4-4	72	2539	•	NDC-1-2	97	2368	3.67
NDC-7-3	59	1471	3.92	NDC-2-0	99	3194	3.65
NDC-7-5	58	3081	•	NDC-2-1	94	3454	2.97
SDC5-0	41	860	•	NDC-2-3	17	240	2.91
SDC5-2	87	1094	3.74	NDC-4-0	47	1228	3.09
SDC-1-0	47	2958	•	NDC-4-1	27	371	3.82
SDC-1-1	37	1024	•	NDC-4-3	21	959	3.04
SDC-1-2	51	1618	3.61	NDC-4-4	28	009	2.31
SDC-2-0	33	930	•	NDC-7-1	75	5274	3.51
SDC-2-1	07	3219	•	NDC-7-3	23	561	2.72
SDC-2-3	97	1185	•	NDC-7-5	20	328	2.89
SDC-4-1	34	1521	3.36		30	881	3.48
SDC-4-3	38	846	3.52	SDC5-2	20	4073	3.16

TABLE 6 continued.

Station	Species or groups	Individ- uals/ml	Div. index	Station	Species or groups	Individ- uals/ml	Div. index
19 JULY 1973	cont.			NDC-1-0	58	3327	0
				NDC-1-1	42	2971	4
SDC-1-0	34	844	3.91	NDC-1-2	51	3603	3.12
SDC-1-1	61	2767	3.59	NDC-2-0	77	1910	2
SDC-1-2	87	4131	3.28	NDC-2-1	47	4046	2.95
SDC-2-0	38	767	4.06	NDC-2-3	99	1567	\vdash
SDC-2-1	36	2428	3.15	NDC-4-3	48	1054	3.71
SDC-2-3	26	4755	3.28	NDC-4-4	20	434	2.40
SDC-4-1	43	2327	3.19	NDC-7-1	38	3069	2.62
SDC-4-3	21	1276	2.02	NDC-7-3	38	3487	2.59
SDC-4-4	22	787	1.97	NDC-7-5	35	993	2.71
SDC-7-1	26	3884	3.28	SDC5-0	53	2478	3.08
SDC-7-3	57	7699	3.09	SDC5-2	63	1447	4.18
SDC-7-5	26	175	2.85	SDC-1-0	40	2049	2.73
				SDC-1-2	87	1784	2.83
Overall ave.	diversity index	Xe	3.14	SDC-2-1	59	1961	3.53
				SDC-2-3	37	2847	2.88
	23 OCTOBER 197	1973		SDC-4-0	77	4113	2.97
				SDC-4-1	07	1331	2.93
DC-2	65	1912	•	SDC-4-4	30	598	3.47
DC-3	47	2436	•	- 1	87	2211	2
DC-4	57	587	•	SDC-7-3	55	1350	3.19
DC-5	50	692	•	SDC-7-5	39	829	9
DC-6	07	897	•				
NDC5-0	62	3006	3.21	Overall ave.	. diversity index	lex	3.16
NDC5-2	51	2415	•				

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APPENDIX A. PHYSICAL MEASUREMENTS

12 April 1972

Station	DC-1	DC-2	DC-3	DC-4	DC-5	DC-6
Time, EST	1023	1001	1540	1554	1612	1636
Wind Direction				E	E	E
Wind Speed, knts				18	16	13
Sea Height, ft				1	1	1
Weather				Overcast Hazy	0vercast	
Secchi Disc, m	1.2	1.9	2.5	2.2	2.1	4.3
Water Color	Turbid brownish green	Yellowish green	Brownish green (milky)	Brownish green (milky)	Milky brownish green	Slightly milky dark green
Surface Water Temperature, °C	3.9	3.0	3.1	2.9	2.7	1.9
Water Depth, ft	25	46	59	72	86	144
Bottom Type	Small lumps of lake clay (from dredging)	Fine silty sand	Silty pebbly coarse and medium speckled orange sand	Tan sandy silty cla over grey sand clay	y silty brown	Tan silty clay over grey-black silty clay
Station	NDC25-1	NDC5-1	NDC5-2	NDC5-3	NDC-1-1	NDC-1-2
Time, EST	0950	0940	0929	0822	0840	0837
Wind Direction	E		E	E		
Wind Speed, knts	23		18	18		
Sea Height, ft	0.75		1	1		
Weather	Overcast Cool		Overcast Cool	Overcast Cool		
Secchi Disc, m	1.9	1.5	1.6	2.5	1.5	2.2
Water Color	Yellowish green	Turbid brownish green	Turbid brownish green	Yellowish green	Turbid brownish green	Brownish green
Surface Water Temperature, °C	2.8	4.0	3.3	2.8	3.9	2.7
Water Depth, ft	46	20	32	56	17	43
Bottom Type	Fine silty sand	Fine brown sand with some medium sand	Fine silty sand with a few pebbles	Fine silty speckled sand	Coarse speckled silty sand with some fine and medium sand	Mixed fine medium and coarse silty speckled sand

APPENDIX A, 12 April 1972 continued.

Station	NDC-1-3	NDC-2-1	NDC-2-2	NDC-2-3	NDC-2-4	NDC-4-1
Time, EST	0806	0704	0729	0757	1737	0644
Wind Direction					ESE	E
Wind Speed, knts					17	15
Sea Height, ft					1	1
Weather					Overcast Barometer 29.46 in.	Partly cloudy
Secchi Disc, m	2.2	1.4	1.8	2.1	2.3	1.9
Water Color	Yellowish green	Brownish green	Slightly yellowish green	Slightly yellowish green	Milky brownish green	Brownish green
Surface Water Temperature, °C	2.5	4.0	3.4	2.7	2.4	3.5
Water Depth, ft	70	16	33	56	87	19
Bottom Type	Speckled silty medium sand	Clean coarse brown sand	Clean pebbly speckled fine sand	Fine brown silty sand with some pebbles	Tan sandy silty clay over silty gelatinous black clay	Clean speckled fine brown sand
Station	NDC-4-2	NDC-4-3	NDQ / /			
Time, EST	0709	1800	NDC-4-4	NDC-7-1	NDC-7-2	NDC-7-3
Wind Direction	0709	E	1707	1924	1915	1903
Wind Speed, knts		19	E	E	E	E
Sea Height, ft		1	14	10-18	21	19-2:
<u>Weather</u>		Overcast Rain Cooling	Overcast Barometer 29.80 and falling	Rain Lightning	l Rain Lightning	Rain Lightning Barometer 29.45 in.
Secchi Disc, m	1.6	2.7	4.5			
Water Color	Turbid brown green	Milky brown green	Slightly milky dark green			
Surface Water Temperature, °C	3.3	2.6	1.9	6.0	5.8	3.3
Water Depth, ft	35	69	156	26	33	48
Bottom Type	Clean fine brown sand	Silty mixed fine, medium and coarse sand and pebbles	Tan silty clay over grey- black silty clay	Coarse pebbly sand	Pebbly medium sand	Silty speckled medium sand

APPENDIX A, 12 April 1972 continued.

Station	NDC-7-4	NDC-7-5	SDC25-1	SDC5-1	SDC5-2	SDC5-3	SDC-1-1
Time, EST	1849	1830	1011	1045	1035	1528	1058
Wind Direction	E	ESE			E	E	E
Wind Speed, knts	18	17			25	14	
Sea Height, ft	2	2			0.75	1	1
Weather	Raining hard	Rain				Overcast Drizzle	Partly cloudy
Secchi Disc, m			2.0	1.5	1.6	2.2	1.4
Water Color			Yellowish green	Turbid brownish green	Brownish green	Milky brownish green	Turbid brownish green
Surface Water Temperature, °C	2.7	2.5	3.1	3.9	3.3	3.2	3.9
Water Depth, ft	59	81	42	21	31	59	23
Bottom Type	Fine brown silty sand	Fine silty sand	Fine silty sand	Fine silty sand with leaves and twigs	Fine silty sand with pebbles	Silty speckled fine sand	Clean fine brown speckled sand
Station Time Wind Direction	SDC-1-2 1109	<u>SDC-1-3</u> 1513 E	<u>SDC-2-1</u> 1145	SDC-2-2 1135	SDC-2-3 1123	SDC-2-4 1453 E	SDC-4-1 1238
Wind Speed, knts		19				18	
Sea Height, ft		1				1	1.5
Weather		Overcast Drizzle	:			Overcast Hazy	Hazy Sunny Warm Windy
Secchi Disc, m	1.5	2.1	1.0	1.7	1.8	2.2	1.5
Water Color	Brownish green	Milky brownish green	Turbid brownish green	Brownish green	Brownish green	Milky brownish green	Milky brownish green
Surface Water Temperature, °C	3.4	3.2	4.5	3.4	3.2	2.8	3.9
Water Depth, ft	46	71	17	32	56	81	18
Bottom Type	Silty fine sand with twigs, leaves and small lumps of clay	Silty fine brown- grey sand	Silty fine sand with small pebbles	Silty fine sand	Silty fine sand	Silty find brown sand with grey sand silty inclusions	e Slightly d silty fine y sand

APPENDIX A, 12 April 1972 continued.

•								
Station	SDC-4-2	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-2	SDC-7-3	SDC-7-4	SDC-7-5
Time, EST	1230	1209	1423	1312	1302	1324	1337	1355
Wind Direction	SE	ESE	E	SE	E	ESE		E
Wind Speed, knts	20	16	12	12	16	17		19
Sea Height, ft	0.5	1	1		0.5			1
Weather	Hazy Sunny Windy	Hazy Breezy Sunny	Overcast Hazy		Overcast Warming		Overcast Warming	Overcast
Secchi Disc, m	1.7	1.7	3.2	1.6	1.8	2.0	2.0	2.5
Water Color	Milky brownish green	Turbid brownish green	Milky light green	Milky brownish green	Milky brownish green	Milky brownish green	Milky brownish green	Dark green
Surface Water Temperature, °C	3.9	2.8	2.2	4.2	4.1	3.3	2.9	2.5
Water Depth, ft	31	65	117	18	33	54	58	77
Bottom Type	Silty fine sand with pebbles	Silty fine sand with pebbles	1/2" brown slightly sandy clay over grey slightly sandy clay	Slightly silty fine brown sand	fine fine sand with pebbles	Silty fine sand with some clay	Silty fine speckled brown sand	Tan sandy silt over dark grey sandy silt
			16 July	y 1972				
Station	DC-1	DC-2	DC-3	<u>DC-4</u>	DC-5 DC-	-6 NDC-	.5-2 ND	<u>C-1-1</u>
Time, EST	1147	1200	1233	1245	1701 163	35 1139	11	13

Station	<u>DC-1</u>	DC-2	<u>DC-3</u>	<u>DC-4</u>	<u>DC-5</u>	<u>DC-6</u>	NDC5-2	NDC-1-1
Time, EST	1147	1200	1233	1245	1701	1635	1139	1113
Wind Direction	SE	SE	WNW	WNW			SE	SE
Wind Speed, knts	5	5	5	5			5	5
Sea Height, ft			0.5	0.5	Calm	Calm		
Weather	Clear Hot	Clear Hot	Clean Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot
Secchi Disc, m	2.2	4.2	5.0	7.7	8.0	9.8	4.6	4.0
Water Color	Milky light- grey green	Slightly milky brownish light green	Milky green	Clear green	Clear green	Clear green	Slightly milky and brownish light green	Slightly milky slightly brownish light green
Surface Water	22.6	0/ 1		00.1			24.0	
Temperature, °C	23.6	24.1	23.8	23.1	22.5	23.0	24.0	23.3
Water Depth, ft	16	42	58	69	108	138	29	16
Bottom Type								

APPENDIX A, 16 July 1972 continued.

Station	NDC-1-2	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1
Time, EST	1125	1058	1042	1000	1018	1736	1847
Wind Direction	SE						
Wind Speed, knts	5						
Sea Height, ft						Calm	Calm
Weather	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Warm	Clear Cooling
Secchi Disc, m	4.4	3.8	5.0	3.9	6.5	9.0	3.8
Water Color	Slightly milky and brownish light green	Clear slightly brownish light green	Very slightly milky green	Clear light green	Clear green	Clear green	Slightly milky light green
Surface Water Temperature, °C	24.0	23.0	23.9		22.8	22.2	25.4
Water Depth, ft	41	19	54	17	58	150	22
Bottom Type							

Station	NDC-7-3	NDC-7-5	SDC5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3
Time, EST	1834	1808	1304	1316	1326	1350	1338
Wind Direction			WNW	WNW	WNW	WNW	WNW
Wind Speed, knts			5	5	5	5	5
Sea Height, ft	Calm	Calm	0.5	0.5	0.5	0.5	0.5
Weather	Clear Cooling	Clear Warm	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot
Secchi Disc, m	3.7	9.0	3.8	3.8	4.1	3.6	4.1
Water Color	Slightly milky grey green	Clear green	Slightly milky brownish light green	Clear slightly brownish light green	Slightly milky and brownish light green	Clear brownish light green	Slightly milky light green
Surface Water Temperature, °C	24.9	22.5	24.3	24.3	23.6	24.3	24.5
Water Depth, ft Bottom Type	48	78	30	21	40	12	52

APPENDIX A, 16 July 1972 continued.

Station	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1407	1426	1602	1454	1505	1526
Wind Direction	WNW	WNW	NW	NW	NW	NW
Wind Speed, knts	5	5	0-5	5	5	5
Sea Height, ft	0.5	0.5	Calm	0.5	0.5	0.5
Weather	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot	Clear Hot
Secchi Disc, m	3.2	7.3	8.5	3.9	6.5	8.0
Water Color	Clear brownish light green	Clear green	Clear green	Clear slightly brownish light green	Clear green	Clear green
Surface Water						
Temperature, °C	24.6	23.5	23.2	24.5	24.0	23.3
Water Depth, ft	14	60	114	14	54	72
Bottom Type						

15 October 1972

Station	DC-1*	DC-2	<u>DC-3</u>	DC-4	DC-5	<u>DC-6</u>	NDC5-2	NDC-1-1
Time, EST		1402	1411	1423	1811	1749	1354	1337
Wind Direction		WSW	WSW	WSW	WSW	SW	sw	SW
Wind Speed, knts		10	5-10	5	12	12-14	5	5
Sea Height, ft		2	2	2	2-3	2-3	2	3
Weather		Clear Cool	Clear Cool	Clear Cool	Overcast Cold	Overcast Cold	Clear Cool	Partly cloudy Cool
Secchi Disc, m		1.8	2.0	2.0			1.5	1.0
Water color		Light green	Light green	Green		Clear dark green	Slightly brownish light green	Slightly green light brown
Surface Water								
Temperature, °C		13.0	13.0	13.1	13.2	13.9		12.9
Water Depth, ft		42	57	66	84	135	30	12
Bottom, Type								

^{*}Station not occupied; dredges on the position.

APPENDIX A, 15 October 1972 continued.

Station	NDC-1-2	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1
Time, EST	1346	1326	1313	1232	1253	1847	2004
Wind Direction	SW	SW	WSW	W	SW	SW	SSW
Wind Speed, knts	5	5	5	10	10	10-12	20
Sea Height, ft	2-3	3	3	3	3	2-3	3-4
Weather	Clear Cool	Partly cloudy Cool	Partly cloudy Cool	Clear Cool	Partly cloudy Cool	Overcast Cold	Overcast Cold
Secchi Disc, m	1.5	1.2	2.0	1.0	2.0		
Water Color	Slightly brownish light green	Light brownish green	Slightly milky light green	Light brownish green	Very slightly milky light green		
Surface Water Temperature, °C	13.0	12.9	13.0	13.0	13.0	13.1	13.0
Water Depth, ft	42	12	48	15°	56	144	20
Bottom Type							

Station	NDC-7-3	NDC-7-5	SDC5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3
Time, EST	1951	1929	1439	1447	1456	1522	1506
Wind Direction	SSW	sw	WSW	WSW	WSW	WSW	W
Wind Speed, knts	28	20	10	10	10	8	10
Sea Height, ft	2-3	2-3	2	2	2	2	2
Weather	Heavy overcast Cold	Overcast Cold	Clear Cool	Cool	Cloudless Cool Becoming hazy	Overcast Cool	Hazy Cool Becoming overcast
Secchi Disc, m			1.7	1.2	1.7	1.2	2.0
Water Color			Slightly brownish light green	Slightly brownish light green	Light green	Slightly brownish light green	Green
Surface Water Temperature, °C	13.0	13.0	13.0	12.9	13.0	12.9	13.0
Water Depth, ft	48	72	30	16	45	16	54
Bottom Type							

APPENDIX A, 15 October 1972 continued.

Station	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1535	1551	1720	1614	1625	1648
Wind Direction		WSW	WSW	WSW	WSW	WSW
Wind Speed, knts		17	12-14	18	14	16
Sea Height, ft	1-2	2	3	2	2	2-3
Weather	Overcast Cool	Overcast Cold	Overcast Cold	Overcast Cold	Overcast Cold	Overcast Cold
Secchi Disc, m	1.5	2.0	4.0	1.2	1.2	3.0
Water Color	Slightly brownish light green	Dark green	Clear dark green	Slightly brownish light green	Slightly brownish light green	Clear dark green
Surface Water						
Temperature, °C	13.0	13.5	14.0		13.0	14.0
Water Depth, ft	14	60	108	12	51	69
Bottom Type						

25 April 1973

Station	DC-2	DC-3	DC-4	DC-5	DC-6	NDC5-2	NDC-1-1	NDC-1-2
Time, EST	1015	1024	1037	1602	1533	1002	0937	0948
Wind Direction								
Wind Speed, knts								
Sea Height, ft								
Weather								
Secchi Disc, m	1.3	1.3	1.6	2.6	2.0		1.3	1.3
Water Color	Light green	Light green	Light green	Light green	Light green		Light green	Light green
Comfort Haban								
Surface Water								
Temperature, °C	8.9	9.0	8.8	8.0	6.7	9.8	10.0	10.0
Water Depth, ft	44	59	70	76	122	31	25	44
Bottom Type								

Bottom types were not taken during this survey.

General meteorological notes: Beautiful day. Air temperature in sun ca. 28 C; in shade ca. 16 C. Wind and sea were low in the morning but in afternoon wind picked up to 22 mph from the north and seas were rough most of the afternoon.

APPENDIX A, 25 April 1973 continued.

Station	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1	NDC-7-3
Time, EST	0923	0907	0821	0845	1643	1808	1753
Wind Direction							
Wind Speed, knts							
Sea Height, ft							
Weather							
Secchi Disc, m	1.3	1.6	1.6	1.6	2.0	1.3	1.6
Water Color	Light green						
Surface Water Temperature, °C	9.5	9.0			8.0	8.0	7.5
Water Depth, ft	13	56	19	60	138	22	44
Bottom Type							

Station	NDC-7-5	SDC5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3	SDC-4-1
Time, EST	1725	1058	1109	1120	1150	1132	1212
Wind Direction							
Wind Speed, knts							
Sea Height, ft							
Weather	Overcast						
Secchi Disc, m	1.6	1.3	2.0	1.6	1.6	2.0	2.0
	Light	Light	Light	Light	Light	Light	Light
Water Color	green	green	green	green	green	green	green
Water Color Surface Water	_	•	-	-	-	_	•
	_	•	-	-	-	_	•
Surface Water	green	green	green	green	green	green	green

APPENDIX A, 25 April 1973 continued.

Station	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1310	1453	1335	1350	1318
Wind Direction					
Wind Speed, knts					
Sea Height, ft					
Weather					
Secchi Disc, m	2.0	2.0	2.0	2.0	8.0
Water Color	Light green	Light green	Light green	Light green	Light green
Surface Water					
Temperature, °C	9.1	6.5	8.1	9.0	8.0
Water Depth, ft	62	105	19	54	70
Bottom Type					

19 July 1973

Station	<u>DC-2</u>	<u>DC-3</u>	DC-4	DC-5	DC-6	NDC5-2	NDC-1-1	NDC-1-2
Time, EST	1056	1111	1131	1707	1637	1047	1013	1025
Wind Direction				Calm	Calm			SSW
Wind Speed, knts								5
Sea Height, ft	Flat			0.25 (swell)	0.5 (swell)			0.5
Weather	Overcast Warm			Hazy Hot	Hazy		Overcast	Overcast
Secchi Disc, m	2.0	6.0	6.5	6.7	6.5	1.8	2.0	5.0
Water Color	Brownish	Grey- green	Grey- green	Grey- green	Grey- green	Brownish	Green	Blue- green
Surface Water								
Temperature, °C	23.1	23.0	23.5	23.3	24.0	22.8	22.0	22.0
Water Depth, ft	41	55	62	74	118	37	20	37
Bottom Type								

APPENDIX A, 19 July 1973 continued.

Station	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1	NDC-7-3
Time, EST	1000	0944	0857	0921	1747	1914	1858
Wind Direction	S	s	S-SSW	S	Calm	Calm	Calm
Wind Speed, knts		5	8				
Sea Height, ft	0.5	0.5	0.5-1	0.5	0.25 (swell)	0.25 (swell)	0.5 (swell)
Weather	Overcast	Overcast					
Secchi Disc, m	2.5	8.5	3.5	9.5	7.8	1.8	5.9
Water Color	Brown- green		Murky green	Blue- green	Grey- green	Yellow- brown	Yellow- green
Surface Water Temperature, °C	21.8	22.0	21.5	21.5	23.5	23.0	22.7
Water Depth, ft	16	49	40	5 5	135	22	43
Bottom Type							

Station	NDC-7-5	SDC5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3	SDC-4-1
Time, EST	1828	1156	1214	1229	1310	1251	1336
Wind Direction	Calm			Calm	Calm	Calm	Calm
Wind Speed, knts							
Sea Height, ft	0.5 (swell)		Flat				
Weather	Hazy Hot			Overcast Hot		Overcast Hot	Overcast Hot
Secchi Disc, m	6.5	2.0	2.5	1.8	1.8	2.7	2.8
Water Color	Grey- green	Brownish green	Brownish	Green- hrown	Green- brown	Green- brown	Yellow- green
Surface Water							
Temperature, °C	23.0	24.0	23.5	23.2	25.0	24.6	24.0
Water Depth, ft	71	27	22	39	16	47	16
Bottom Type							

APPENDIX A, 19 July 1973 continued.

Station	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1357	1600	1427	1441	1528
Wind Direction	Calm	Calm	Calm		Calm
Wind Speed, knts					
Sea Height, ft					
Weather	Hazy Hot				Hazy Hot
Secchi Disc, m	6.5	5.5	2.1	2.6	5.9
Water Color	Grey- green	Grey- green	Yellow- green	Yellow- green	Grey- green
Surface Water Temperature, °C	23.2	23.5	23.0	23.0	23.0
Water Depth, ft	56	97	19	47	65
Bottom Type					

23 October 1973

Station	<u>DC-2</u>	<u>DC-3</u>	<u>DC-4</u>	<u>DC-5</u>	<u>DC-6</u>	NDC5-2	NDC-1-1
Time, EST	1033	1107	1124	1654	1624	1004	0909
Wind Direction	S	s	s	Calm	Calm	S	SE
Wind Speed, knts	3	6	4			5	6
Sea Height, ft							0.3
<u>Weather</u>	Cloudless Hazy	Cloudless Hazy	Cloudless Hazy		Cloudless Hazy	Cloudless Hazy	Cloudless Hazy Cool
Secchi Disc, m	2.2	1.8	2.7	3.4	5.5	2.0	2.0
Water Color	Milky green	Milky green	Milky light green	Slightly milky light green	Clear blue- green	Milky green	Milky green
Surface Water			15.0	1/ 0	15.0	14.0	14.9
Temperature, °C	15.5	15.1	15.0	14.9	15.8	14.8	14.9
Water Depth	41	53	72	84	135	28	19
Bottom Type	Slightly silty fine brown speckled sand					Slightly silty fine brown speckled sand	

APPENDIX A, 23 October 1973 continued.

Station	NDC-1-2	NDC-2-1	NDC	-2-3	NDC	<u>-4-1</u>	NI	0C-4-3	NDC-4-4	NDC-7-1
Time, EST	0923	0851	083	1	074	0	90	307	1735	1901
Wind Direction	SE	SE	SE		SE		SI	3	Calm	Calm
Wind Speed, knts	8	6	8		4					
Sea Height, ft	0.3	0.5	0.5	i	0.3		0	.5		
Weather	Cloudless Hazy Cool	Cloudless Hazy	Clo Haz	oudless y		udiess e haze		loudless azy	High clouds Hazy	
Secchi Disc, m	2.0	1.9	2.8	3	2.0	1	3	.0		
Water Color	Milky green	Milky green	mil	lghtly lky een	Mil gre	•	m	lightly ilky reen		
Surface Water Temperature, °C	14.5	15.3	15	.1	15.	0	1	5.2	15.1	15.3
Water Depth, ft	39	18	47		19		5	2	144	24
Bottom Type	Fine to medium brown sand									
Station	NDC-7-3	NDC-7-5		SDC5	<u>-2</u>	SDC-1-1	-	SDC-1-2	SDC-2-1	SDC-2-3
Time, EST	1844	1817		1201		1242		1256	1335	1317
Wind Direction	Calm	Calm		Calm		Calm		Calm	Calm	Calm
Wind Speed, knts										
Sea Height, ft				0.3						
Weather	High cloud	s High clo Haze	uds	Cloudle Hazy	ess	Clear		Cloudless Hazy	Cloudless Hazy	Cloudless Hazy
Secchi Disc, m				2.5		1.8		2.8	1.9	2.8
Water Color				Milky green		Milky light green		Milky green	Milky green	Milky green
Surface Water Temperature, °C		15.2		14.8		15.1		15.4	16.0	15.7
Water Depth, ft	54	78		28		21		38	16	48
Bottom Type				Slight silty fine speckl sand				Slightly silty fir brown sar with smal pebbles	nd	

APPENDIX A, 23 October 1973 continued.

<u>Station</u>	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1354	1414	1549	1441	1455	1520
Wind Direction	Calm	Calm	Calm	Calm	Calm	Calm
Wind Speed, knts						
Sea Height, ft						
Weather	Cloudless Some haze	Cloudless Some haze	Cloudless Some haze	Cloudless Some haze	Cloudless Some haze	Cloudless Some haze
Secchi Disc, m	1.8	3.3	5.9	2.2	3.2	3.2
Water Color	Milky green	Milky green	Very slightly milky green	Milky green	Moderately milky green	Slightly milky green
Surface Water	15.3	14.1	15.0		15.0	15.2
Temperature, °C	15.7	16.1	15.2	17.1	15.3	15.2
Water Depth, ft	16	66	90	18	47	72
Bottom Type						

APPENDIX B. PHYTOPLANKTON COLLECTIONS, 1972 AND 1973

Dates of collections:	:																				Page s
12 April 1972 .																					54- 67
16 July 1972 .														•							68- 78
15 October 1972	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	79-100
25 April 1973 .													•							•	101-117
19 July 1973 .											•			•							118-134
23 October 1973																					135-153

Identification of Plant Components

Top line (left to right):	Station number, number of species or groups, total number of individuals per milliliter, and the diversity index of the collection.
Columns (left to right):	
First	Names of species or groups collected.
Second	Numbers of individuals of each species or group, per milliliter.
Third	Percentages of the total individuals that are represented by the individuals of each species or group. These are the $\rm N_i/N$ factors used in the diversity index equation.

DC-2

PERCENT	0.0	0 • 0 9 0 • 0	- 1	ů.	٠.	₹.	ç.	⇒.	0	6	0	æ	٥.	۳.	2	7	6	7	6.	φ,	۲.	z,	٣.	۳.	ω.	?	•	-	-	c.	0	9.	٥.	Ξ.	۲.	0,1	35.77
CEILS/ML		ວ ເບ ນ ເ -		•	•	=		•	•		•	•	ö	•	•	÷	•	2.3	•	133.2	6.0	34.3	ö	3.2	62.9	2.3	•	0.9	•	•	•	5	•	0.9	7.4	ં	344.8
	E	AMPHIPEORA CRNATA ANKISTEODESHUS FALCATUS V. MIRABILIS	GELIFACTUS	U)		BLUF-GESEN UNKNOWN FILAMENT	SP.	CLCSTERIUM SP.	CORLASTRUM SP.	CRYPTONONAS SP.	5	DIATOMA TENUE V. ELONGATUM	DIATOMA VULGARE	DINOBRYON DIVERGENS	FINGELIATES	TONE	RAT	FRAGILARIA SP.	GLENODINIUM SP.	GLOROCYSTIS SP.	MELCSIFA GRANDLATA	DIC	MEICSIBA SP.	HITZSCEIA SP.	CCHECMCHAS SP.	OEDOGONIUM SP.	OOCYSTIS SP.	OSCILLATORIA SP.	PERIDINIUM SP.	RHIZOSCLENIN GRACILIS	SCENEDESMUS QUADRICAUDA	SCHNEDESMUS SP.		ST	SYNEDRA SP.		TABELLAGIA FENESTRATA
	36		PERCENT	C	• •	•	7!	•	7	ភ	4.74	7	٠,	υ,	ຸ	•	7 1	0.75	``	17.41	•	, r	•	, (, u		•	0.0	,,	•		0	.0.0				
	DIVERSITY = 3.		CELLS/ML	,	, ,) c	2.3	71.9	7° t	9 .		200	2°	13.9	13.9	ی د و	2.3	0.7	76.2	132.2) · (a	2.8	2,4	7.7	0 u	0,0	, ,	- :	308.4		0.0	720.0				
	DIVE			6	a																												TOTAL				
	NO. OF FORMS = 26				CLINASTRUS BANICOCHIL V. FLOVIALES Esternistrus es	~	SIERIONFLLA FORMOSA	HLAMYCOMCNAS SP.	LCSTERIOPSIS LONGISSIMA	OSMARIUM SP.	CRYPIC MONAS SP.	IATOMA TENUE V. ELONGATUR	INOBRYON DIVERGENS	INOBERON SP.	LAGELLATES	PAGII. ARIA CROTONENSIS	RAGILARIA INTERHEDIA	RAGILARIA SP.	TENODINION SP.	GLCEOCYSTIS SP.	ELGSIEA ISLANCICA	ELOSI RA SP.	CHROMONAS SP.	SECONDINA SP.	OCYSTIS SP.	ERIDI NI UNI SP.	HIZOSCLENIA GRACLLIS	SCHNEDERALS SP.	TEPHANODISCUS SP.	ABELLARIA FENESTRATA			•				
	1-20			-	∢•	-	~	J	J	٠	J					~		5	4	_	~		_	-	۰ ر	'		٠, ١	••	• •							

S	PERCENT	:		. ~	•	• ·	7 :	₹.	20.62	0.12	0.35	0.12	0.12	2,63	0.41	0.12	2.80	0.58	1,05	ο α - C		4. c.		0,00	7.36		2.00	0.23	90.0	0.12	0.18	1.69	0.53	90.0	0.18	90.0	0.29	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	90.0	0	8	•	0.18		
DIVERSITY = 3.19	CELLS/NL		~ ° °		•	0.00	6.3	3.2	163.8	6 0	2.0	6.0		6.00	7 · E	10	, , , ,	7.1	* 0	•	***************************************	- 7-0	7.0	0.00	202	n u	6.0	7.6	· ·) c	7 - 1	13.5	4.2	0.5	1.4	0.5	5	35.3	0.5	13. v	22.3	. 0	0.0		
DC-4 NC. OF FCRMS = 43			1105	MUS (3	w	-	: =			CLCSTE FIUM ACINCULARE	CLOSTERIUM SP.	COELASTEUM SP.	-	CRYFTORONAS SP.	CYCLOTELLA SP.	ROLE	NIE V. E	DINOBRYON DIVERGENS	CINOBRYON SP.		NENS	Н	3		IS SP.	GREEN FILAMENT, UNKNOWN	Н	ρ,	SP.					OCCIONATO SE) ≥	THE TOTAL OF THE STATE OF THE S	RHITOSCIENTA GRACILIS	SOTINED TOWNED OUR DESIGNATION OF THE PROPERTY	SOBNEDESMUS SP.	STEPHANODISCUS SP.	P.	YNEDRA SP.	SYNEDRA ULNA TAPELLAHIA FENESTRATA	
.12	PERCENT	1	0.19		Ç	•	- 0	60.0	0.33	17.84	0.05	٠	0.19	0.05	0.05	2.14	0.19	1.58	1.16	0.14	60.0	0.19	0.28	2.32	1,63	0.56	1,53	11.62	3.49	0.98	0.05	2.32	0.19	60.0	0.00	n =	# = C	20.0	7.0		60.00			100.0	
DIVERSITY = 3.1	CELLSZAL		1.9	7.0	. c) a	- 0	5° (m,	178.2	0.5	9.0	1.9	0.5	0.5	21.3	1.9	15.8	11.6		6.0		2.8		16.2		15,3	116.0	34.8	6.0	0.5	23.2	1.9	6.0	S.0	٠. د د د	3 : C	70.7	32.0	n •	• 6	399.0		TOTAL 998.5	
CC-3 NO. OF FCRMS = 39 I			V TTHUSSEL	MIRALESCHALL	FALCALOR -	A NKIST FODES MUS. GELLFACTOR		INKNCHN	BLUE-GREEN UNKNOWN PILAMENT	CHIANYDOMCHAS SE.	; .	200	OS SHORN TROU)			CICECLIFICA OF STONDARDS	DIRECTOR DESCRIPTION OF THE CONTRACTOR OF THE CO	DINCHES DISCHOLLES	TANCOTTON DE-	ULNOF LAGELLA LEU	FLAGELLATED	TREGILARIA CAPUCINA	FRAGLESTA CROICNENS LO	PREGILARIA INTERBELLA	ָ פֿינ	יי דיי	? ≺	C	MAUTOTTA SP.		OFFOGONIUM SP.	OUCYSTIS SP.	OSCILLATORIA SF.	PERIDINIUM SP.	RHIZOSCLENIA GRACILIS	SCENEDES#US SP.	STEPHANCDISCUS SE.	STEPHANODISCUS TRANSILVANICUS	NEDRA ULNA	TABELLARIA FENESTRATA		LOI	
2																								55	1																				

194.4

TOTAL

TOTAL

NDC.25-1 NO. OF FORMS =	31 DI	DIVERSITY = 3.77	7.1	NDC - 5 + C	NC. OF FORMS = 34	DIVERSITY = 3.2	8
		CEILS/ML	PERCENT			CELLS/ML	PERCENT
ANKISTIODESMUS FALCATUS V. MIRA	MIRABILIS	26.0	1.47	AMEHORA OVALIS		18.5	0 7 0
•) 	42.7	2.41	ANKISTECDESMUS	SP.	29.	9
BLUE-GLEEN UNKNOWN FILAMENT		16.7	76.0	ASTERIONELLA FCHMOS	OKKOSA		٣.
CHLARYLCMONAS SF.		393,3	22.22	CHLAMYTOMONAS S	SP.	44.5	96.0
		3.7	7	CLCSTELIUM SP.		1.1	0.24
CCELASTHUM SP.		7.4		CRYPTCRONAS SP.		·	0.16
CRYPICHONAS SP.		35,2	1.99	CYCLOTFILA OCFLLATA	LLATA	22	\circ
CYCLOTELLA OCELLATA		1.9	•	CYCICTELLA SP.		1176.1	25.34
CYCLOTELLA SP.		24.1	1,36	CYMATOTEBURA SC	OLEA	3.7	0.08
DIATIONE TENUE V. ELONGATUM		1.9	0.10	CYMBELLA MICRCEPHA	SEPHALA	3.7	80.0
DINCPRYON DIVERGENS		11.1	0.63	CYMPELLA SP.		3.7	0.08
FIAGELIATES		63.1	3.56	DIATOMA VULGARI	ts)	34.8	0.32
FRAGILARIA CAPUCINA		3.7	0.21	DINOBRYON CYSTS	w	29.7	19.0
FRAGILAFIA CROICNENSIS		122.4	6.92	DINCBRYCH SP.		22.3	8 7 0
FRAGIL PRIA INTERMEDIA		118.7	6.71	FRAGILAFIA CROT	CROTOUENSIS	244.9	5.28
GLERODINIUN SP.		24.1	1.36	FRAGILARIA INTI	DIA	100.2	2.16
		209.6	11.84	FEAGILARIA INTI	DIA	48.2	1.04
GREEN CCLCNY, UNKNCWN		1.9	0.10	FREGILARIA PINI	PINNATA V. IANCETTULA	3.7	0.08
MELOSIFA ISLANIICA		87.2	6.	GLENODINIUM SP.		51.9	1.12
MELOSIFA ITALICA		33.4	1.89	GICEOCYSTIS SP.		367.3	7.91
NITSCFIA ACICULARIS		5.6	0.31	GORPHONENA SP.		7.4	0.16
CCHROMCNAS SP.		20.4	1.15	MEIOSIFA ITALICA	V ()	3.7	80.0
OEDOGONIUM SP.		3.7	0.21	MEIOSIRA SP.		55.6	1.20
OSCILLATORIA SP.		1.9	0.10	NAVICULA GASTRU	¥	3.7	0.08
PERIDINIUM SP.		1.9	0.10	NAVICULA SP.		7.4	0.16
RHIZOSCLENIA GRACILIS		81.6	4.61	CCHRCMCNAS SP.		278.2	00.9
SCENEDES#US SP.		53.8	3.04	RHIZOSCI.ENIA GI	GRACILIS	48.2	1.04
SIEPHANODISCUS SE.		74.2	4.19	RHIZOSCLENIA SP.	•	29.7	79.0
STEPHANODISCUS TRANSILVANICUS		1.9	•	SCENEDESMUS SP	•	26.0	0.56
SYNEDRA SP.		20.4	1.15	STEPHANODISCUS	• 04	1064.8	σ.
TABELLAHIA PENESTRATA		276.4	15.62	ocisco	TRANSILVANICUS	18.5	
				SYNEDRA SP.		22.3	9 7
				YNEDRA ULN) t	•
	TOTAL	1769.7	100.0	TABELLARIA FENI	FENESIRATA	9.96/	16.31

TOTAL 4641.2

.	PERCENT	⇒.	1.11		•	•	~	6	0	0.05	٥.	S	۳,	6	6.	7	•	9•	0	മ	0.63	0.0	_	Ø	•	1.78	٠,	۲.	0.1	27.28			100.0						
DIVERSITY = 3.2	CELLS/ML	•	•	6		2.8		268.7		6.0	6.0	10.2	•	7	ė.	÷	20.	。	•	17.2	12.1	•	ë,	•	32.0	34.	•	2.8	7	•			1925.6						
DIV																																	TOTAL						
NO. OF FCEMS = 29		ഗ	64	SP.	•	KONAS SP.	ш			FLEUKA SP.	SPHAERIUR SP.	YON CYSTS	YON SP.	ARIA CLOTONENSIS	TERRECIA	ARIA INTERMEDIA V. FALLAX	INIUM SP.	ь В	ĭ	NCI	FA SP.	LA SP.	•	IA G	II	S	SCUS SE	SCO	•	ARIA FENESTRATA									
NDC. 5-2		ANKISTI	ASTERIC	CHLAMY	CLCSIE	CRYPICA	CYCLOTI	CYCLOTI	CYMATOI	CYMATOFLEURA	DICTIO	DINOBRY	DINOBR	FRAGIL	FRAGILA	FRAGIL	STENODI	GLCEOCI	GREEN	MELOSI	FEICEL	NAVICUI	OCHEOM	FHIZOS(HIIZOSCIEN	SCENEDESMUS	STEPHA	STEPHA	SYNEDRI	TABELL									
6 n *	PERCENT	0	1.67	2	9	9		~	⇉	0	0	_	ŝ	₹	°	۰,	۰.	۲.	٥.	۳.	•	0	3	'n	0.04	٣,	٩.	٦.	٥.	ບ	Τ.	1.01	⇒ (7.2	30.10	4 6	? =	•	9
DIVERSITY = 3.	CEIIS/MI	6.0	17.6		6.0			13.5		6.0	0.5	7.0	0.9	14.8	6.0	17.6	ວ• ວ	18.1	0.5	13.9	105.3	6*0	8.8	0.9	0.0	3.2	0.5	J.t	0.5	122.5	1.9	10.7	6.2 2.2	0.83	213.0	 	4.2	6.1	123.0
1 NG. OF FORMS = 39		ACHNAMIHES SP.	ANKISTICDESMUS SP.		FLEED UNKNOWN PILLAMENT	CHIAMYTORONAS SP.		CYCLOIFILA OCELLATA	CYCLOTELLA SP.	CYCLOTELLA STELIIGERA	CYMATOFIEUSA SCIEA	TYOSPHAFRIUM SP.	DINOBRYON DIVERGENS	SBRYOM SP.	SILARIA CAPUCINA	SILARIA CROTONDUSIS	TNTERPETA	FRAGILARIA INTERMEDIA V. FALLAX	LEPTOSTAUL	GREWODINIUM SP.	GLCEUCYSTIS SP.		KELOSIFA ISLAHDICA	DSIRA SP.		NAVICULA SP.	NAVICULA TRIPUNCTATA	HITZSCFIA SP.	ZSCHIA SP. #2	5	20SCLENIA ERIENSIS	ZOSOLENIA GRACILIS	RHIZOSCIENIA SP.		SITEPHANODISCUS SP.	CLERTAR COLLUCIO LEARD LE VANLOU Nemotor difficioleta			14
N DC. 5-1		ACH	ANK	AST	BLUI	CHL	. A & C	CXCI	CYCI	CYCI	CK X C	DIC	DIN	DING	FRAC	FRAL	F R A (FRA(F P A(GLE	575		KEI	REL	NAV	NAV	NAV	NIT!	LIN	OCF	RHI	FHI	RHI	SCE	E FO	2 N N	NAS	NAS	TAE

TOTAL 1056.5

NUC. 5-3 RC. OF PORES = 53	DIVERSITY = 3.79	•	NC 1-0 NO. OF FORMS = 3	6 DIVERSITY =	3.08
	CELLS/ML	PERCENT		CELLS/ML	L PERCENT
AMEHIPLEURA PFLLUCIDA	0.5	0.02			
ANKISTEDDESMIS FALCATUS V. MIRABILIS	-	0.53	ANKISTIODESMUS ST.		0.0
ANKIST FODESMUS GELLFACTUS	0.5	0.02	A STEEL CAELIA FOR ACSA	n	r u
ANKISTRODESKUS SP.	₫.	90.0) n	
ASTENTINELLA FORMOSA	83.1	3.30		30.7	. 35
DELIGHTEN ON CHANGEN FILAMENT	13.9	0.55	CYCLOTFILA CCRLLATA	0.71	
CHLANYDCHONAS SP.	397.6	15.78	CYCLOTILLA SP.	432.0	33.08
CLCSTEFIOPSIS LONGISSINA	0.5	0.02	CYMATOILEURA SE.	0.5	0.0
COLLASTRUM SP.	5,6	0.22	DIATORA VOLGARF	0.0	0.07
COSETUR SP.	37° L	90.0	DINCHRYON CYSTS	19.0	1.46
CRYPIC CONAS SP.	55.7	2.21	DINOBRYON SP.	5.6	0.43
CYCLOT*LLA 3P.	71.5	2.84	FLAGELLAIES	0.5	70.0
CYMATOFLEUNA SCLES	6.0	10.0	FRIGILIRIA CROTONENSIS	18.1	1.39
DIATORA TENUS V. ELONGATUM	4.2	0.17	RAGII. ARI	2.3	0.18
DIATOM: VULGARE	0.5	0.02	FRACILARIA INTERNEDIA V. FALLAX	11.6	0.89
DINORPYON DIVERGENS	32.0	1.27	GIENODIKI UN SP.	20.9	1.60
DINCELAGELLATES	6.0	0.04	CLCECCYSTIS SP.	97.9	7.50
FLAGELLATES	16.7	99.0	GCPPHCNEMA SP.	0.5	0.04
FRAGILANIA CAPUCINA	13.9	0.55	GREEN FILAMENT, UNKNOWN	6.0	0.07
FPAGILANIA CROTONENSIS	209.7	8.32	MELOSIFA ISLANDICA	2.3	0.18
	92.8	3.68	MELOSIFA IIALICA	3.0	0.04
	9.7	0.18	MELCSITA SP.	11.6	0.89
	6.1	0.07	NAVICULA DECUSSIS	S.5	0.04
GLENODINIUM SP.	9.3	0.37	NAVICUIA GEIMBEI	0.5	0.04
GLCFOCYSTIS SP.	201.8	8.01	NAVICULA SP. #25	ຮ•ວ	0.0
GCRPHONEMA SP.	0.5	0.02	NA VICULA TRIPUNCTATA	0.0	0.07
GOMPHOSPHAESTA SP.	0.5	0.02	MITZSCHIA DISSIPATA	S.0	10.0
MELOSIFA ISLANDICA	187.5	7.44	NITZSCHIA SP.	S • 0	0.04
MELCSIFI ITRLICA	8 75	2.17	OCFFORCNAS SP.	72.8	5.58
MCUGEOTIA SP.	6.3	70.0	5	7.8	17.0
NAVICULA SP.	3. F	90.0	S I		0.8
NITZSCFIA ACICULARIS	7.0	0.28	· .	0.015	26.79
	8.0		DIFFERENCE OF STREET STREET	0.010 1. u	67.07
NITZSCFIA SP. #2		0.09	a	· · ·	97.0
OCCHECTED SP.	# u c	200		· ·	21.0
OUT THOUSE AND		20.0	TABELLARIA FENESTRATA	7.76	7.23
PETIASIAN BORNACIA		0.02			
	6.0	0.04			
PHACUS SP.	0.5	0.02		TOTAL 1305.9	100.0
	S.0	0.02			
ENIZOSCLENIA GPACILIS	83.5	3.31			
SCENEDISMUS QUADRICAUDA	S . 0 .	0.02			
SCHELDES CS SP.	1.70	97.7			
STEPHAROLISCUS ELMERARUS	7.00	2.5			
	* · · · · ·				
STREET OF THE STREET	N 6 '	20.0			
SYNEDRI FILIFCERIS	7 0 7 1	0.57			
	5.1	0.20			
SYNFORD SP.	11.6	94.0			
SYNTER F ULNA	7.9	0.31			
TABELLARIA FENESTRATA	610.2	24.21			

TOTAL 2520.0 100.0

NDC 1-1 NO. OF FORMS = 48	DIVERSITY = 3.	.78	NDC 1-3 NC. OF FCRES = 46	DIVERSITY = 3.	3.82
	CELLS/RL	PEPCENT		CEIL3/RL	PERCENT
designed a series and the series of the seri	1.7		ACTINASTRUE HANTZSCHII V. FLUVIATILE	13.9	0.68
MATERIAL OF THE SECTION OF THE SECTI	3.7	60.0	NAUAERA SP.	•	0.05
ARRIGHED SAUGE FALCATUS V. HIRABILIS	#O.8	1.04	ANKISTRODESHUS FALCATUS V. MERABILIS		06.0
ANKIST FODESHUS SP.	9.3	0.24	NKISTEODESHUS	5° (
APHANOCAPSA SP.	1.9	0.05	A STERICA ELLA POPUSA	73.6	
APHANOTHECK SP.	1.9	0.05	N CCLCNY	5	200
	98.1	2.50	Z C Z	2.51	20.0
BLUE-GAEEN HHKNOWN CCLCNY	1.9	0.05	CHIA YYEOMONNS SP.	3/4.0	87.81
BLUE-GIBEN INKNOWN PILAMENT	11.1	0.28	CLOSTRAIOPSIS LONGISSIMA	~ · ·	
CHLANY TORONAS SP.	539.8	13.76	COELLAST 10 M SQ.	7.01) ()
CLCSTEFIOPSIS LCNGISSIBA	7.4	0.19	COSMARIOR S2.	20.2	6.03
COCCONIIS PEDICULUS	6.6	20.0	CHOLICIAL RONG ALA	35.2	1.72
CCELASIAUM SP.	~ ·	500	ا م	5.6	0.27
CAUCIGENIA SP.			CVCTOTTILE SP.	29.7	1.45
CRYPICIONAN SP.	9.76	0.05	CYMATORLEIG SOLEA	6.0	0.05
	50.1	1.28	DIATON, UNKNOWN	6.0	0.05
CICETER DIS	1.9	0.05	DINCHEYON DIVERGENS	14.8	0.72
DIATORA TENUE V. ELONGATUR	5.6	0.14	DINOFLACELLATES	2.8	0.14
DIATORA VULGARE	3.7	60.0	FIAGELIATES	67.7	3.30
DINCHAYON DIVERGENS	53.8	1.37	FRAGIL ARIA CAPUCINA	7.61	
DIELOSTAUSON SP.	3.7	60.0		123.3	6.02
FLAGFLIATES	15.2	0.39	PRACTICATION TO BEAUTIONS TO CALLERA		500
FRAGILFRIA CAPUCINA	8.4.8	0.38	GLERODINI UR S.C.	7 456	7.65
CHOTCHENSIS	272.7	6.95			500
FRACILAZIA INTERMEDIA V. FALLAX	57.5	7.6	"	5	0.05
FARGILARIA SP.	\sim	3.52	CONTRA TOTAL AND	78.8	3,85
	1.29.8	10.0	MATCHES HOLD WALES	38.0	1.86
GLCEOCYSTIS SP.	1.007	10.0	NITSSCHIA ACICULARIS	9.7	0.23
		60.0	MITZSCEIR BACAIA	1.9	60.3
##UNIX	3,7	60.0	NITZSCHIA SP.	6.0	0.05
CELES ISLANDICA	126.1	3.22		9.5	0.27
KELOSIER ITALICA	18.5	0.47	SP	76.7	. e . c
NAVICUTA SP.	6.0	0.05	OEEOGONIUM SP.	8.7	. 0
NAVICUIA TFIPUNCIATA	6.5	0.05	OCCYSTIS SP.	, ·	
NITSSCHIA ACICULARIS	וינו	67.0	י ני	71.4	, e
NITZ SCIIA SP.	0 4	5.0	3,000	66.7	3.26
CCHRCMCHAS SP.	402.5	97.0	SCHEDENIUS SE	105.7	5.16
OFFICACINE SP.			15005	6.0	0.05
DOCTOTION OF THE PROPERTY OF	87.2	2.22	SYNEDA FILIPORMIS	2.8	0.14
SAMPLE CALCELLA SAMPLE AND CONTROL OF CALCELLA		2.18	STENFELL	0.0	0.05
STEPHANDERSON SP.	426.6	10.88	K A	15.8	0.77
STEPHANDOISCUS TRANSILVANICUS		0.19	NEDRA UL	•	0.36
SYNIDER SP.	~	0.52	TAPELLARIA FENESIRATA	9.716	70.67
TABELLATIA PENESTRATA	0.664	12.72			
TETEREGON ATRIPOR	٠.	0.00		TOTAL 2048.7	109.0
			•)

TOTAL 3921.6

.87	PERCENT	٣.		۲.	0	8	0.24	0	90.0	_	S	2	6	æ	2	~	~	œ	$^{\circ}$	0	9	0	•	9	σ		•	3	0	0	3.25	m	•	ς,	- •	9.06
DIVERSITY = 3.	CELLS/ML	11.1	•		1.9	85.3	7.4	547.2	1.9	5.6	7.97	~	59.4	26.0	7.4	128.0	22.3	207.8	150.3	63.1	565.8	1.9	3.7	118.7	29.7	3.7	9.6	103.9	1.9	1.9	98.3	70.5	278.2	6.6	33°tt	274.5
NO. OF FORMS = 36		JE HANTZSCHII V. FLUVIATIL	SHUS FALCATUS	S SOM	SP.	24	×	CHCNAS SP.	TUM ACIRCULARE	RUM SP.	SE	ILA CCELLATA	•		C.	MITES	PIA CAFUCINA	FIA CROTCNENSIS	RIA INTERMEDIA	NI UM SP.	STIS SP.	OLCNY, UNKNOWN	SOLETARY, UNKNCWN	h islandica	-4	-		S	IUM SP.	s sp.	LENIA GRACILIS	US SP.	ISCUS	STENFELD		OLEA BIA PENESIRATA
N D C 2-2		\circ	ANKISTFODE		APHANOTHEC	ASTERIC	PLUE-GFEEN U	CHLANYDOMONAS	CLCSTERIUM	CCELASTRUM	CRYPTOMONAS	CYCLOTE	CYCLOTELLA	DINCBRY	DILLOSI	FLAGELL	FRAGILA	FRAGILA	FRAGILA	GIENODI	GLOFOCYSTIS S	GREEN C	GREEN S	KELOSIKA	MELOSIFA	MITZSCF	NITZSCHIA S	OCHBONCI	CEDOGCNIUM	COCYSTIS	KHIZOSCLENIA	ENED	STEPHAN	YNEDR	YNEDR	2 Z
15	PERCENT	٠.	2.20	٦.	7	0.18	0.37	1.01	25.90	0.09	0.83	4.22	1.93	0.92	65	10.93	60.0	1.01	0.28	5.97	0.28	0.55	~	8	0.09	• 2		14.51			100.0					
DIVERSITY = 3.	CELLS/ML	7.4	89.0	7.4	51.9	7.4	14.8	40.8	1046.2	3.7	33.4	170.7	77.9	37.1	66.8	441.5	3.7	40.8	11.1	241.1	11.1	22.3	40°8	9.496	3.7	11.1	7.4	586.2			4040.2					
																															TOTAL					
NO. OF FCRMS = 27		ANKISTECDESMUS SP.	A STERICNELLA FORMOSA	REEN UNKNOWN FILAMENT	CHLARYDCHCAS SP.	PIUM SP.	CRYPTORONAS SP.	ELLA OCELLATA	FLLA SP.	FLEURA SCLEA	YON CYSTS	ARIA CROTONENSIS	AFIA INTERMEDIA	AFIA INTERMEDIA V. FALLAX	INI UM SP.	YSTIS SP.	NEWA SP.	FA SP.	LA SP.	CNAS SP.	RHIZOSCLENIA GRACILIS	CLENIA SP.	ESKUS SP.	NODISCUS SE.	NCDISCUS TRANSILYANICUS	A SP.	A ULNA	BELLAKTA FENESTRATA								
NDC 2-0		ANKIST	ASTERI	BIUE-G	CHIAMY	CLCSTE	CRYFIO	CYCLOTI	CYCLOTI	CYNATO	DINCHE	FRAGIL	FRAGIL	FRAGIL	GLERODI		C GCPFHCP	KELOSTE	NA VICUI	OCHRORE	RHIZOSC	8HIZ0S(SCENEDI	SIEPHA	STEPHAN	SYNEDRI	SYNEDRA ULNA	TABELLA								

3029.2

TOTAL

88	PERCENT	1.63	91.0	D.:	٠	74.47	78.0	0.60	0.22	2.22	0.43	09.0	0.0	0	900	- c	7.00	2.33	1 u	0.0			, ,	• =	1 0	7 7		0.22	3		7	0.11	0.92	13.08			0.00						
DIVERSITY = 3.	CELLS/ML	13.9	•	* * * * * * * * * * * * * * * * * * *	7.50	•	7.4	ر د	1.9	19.0	3.7		֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	7.91	8.7.	7.0	0 4	- 07	n u	0 0		200	7.67) C	, u	200	,	45.9	33.9	58.0	0.0	~	111.8		u o	822.1						
DIC		IS																																			TOTAL						
NO. OF FORMS = 34		STRODESMUS FALCATUS V. MIRABILIS	DESHUS SP.	ASTFRICNELLA FCERCSA	EN UNKNOWN FILAMENT	MCNAS SP.		OPSIS SP.	UM SP.	MAS SP.	LA OCELLATA	I.A SP.	IN DIVERCENS	TES	TA CAFUCINA		IN INTERMEDIA V. FALLAX	II IIN SP	STIS SP.	LONY, UHKNOWN	MIA SP.	LSLANGICA	ALTALLCA	7 SP •	EDIA SE.	1 SE.	LA ACICULANIS	TIN AD		SOUND HOME SEE	DISCUS SP.	EPHANCDISCUS TRANSILVANICUS	SP.	RIA FENESTRATA									
NEC 2-4		ANKISTRO	ANKISTEC	ASTFRICA	BLUE-GFF	CHIAMYFCMCNAS	CLCSIEFIOPSIS	CLCSTEFIOFSIS	COELASTRUM	CRYPTOPONAS	CYCLOTELLA	CXCIOTEL	DINCBRYO	FIAGELIA	FRACILAR	FRAGILAF	FRAGILAR	GLENODIN	GICEOCYS	GREEN CO	LAGERHEI	KELOSIFA	METOSTRA	MELOSIFA	MERISACE	NAVICULA	NT T T S T H I	いっぱいだいい	17205119	SCHNEDE	STEPHANC	STEPHANC	SYNECRA	-									
.68	PERCENT	0.05	0.05	0.54	0.05	1.90	0.23	19.82	0.09	0.18	0.09	2.04	0.05	1.63	0.05	1.00	2.45	2.49	6.71	3,76	0.91	1.32	7.03	0.05	4.13	1.86	0.05	0.32	0 5	0 0	0000	0.05	0.05	0.05	3.17	2.63	5.99	0.14	0.32	2 · ·	0.27	8	• •
DIVERSITY = 3.6	CELLS/ML	6.0	6.0	11.1	6.0	38.9	9.4	405.1	6.1	3.7	1.9	41.7	6.0	33.4	6.0	20.4	50.1	51.0	137.2	76.9	18.5	26.9	143.7	o .	n • n 0	38.0	5°C	ຄຸດ	, c	8.4.	6,0	6.0	6.0	6.0	6.49	53.8	122.4	2.8	ۍ : و :) * * * *	5.6	548.8	i i
NO. OF FORMS = 43		TILVALANTZSCHII V. PLUVIATILE	•	ANKISTEODESHUS FALCATUS V. MIRABILIS	GELIPACTUS	A STEPT CHELLA FORMOSA	BLUF-GILFN UNKNOWN FILAMENT	CANCENT AND SECTION OF THE PROPERTY OF THE PRO		CONTRACTOR SP.		CONTROL SE	CYCLOTELLA OCELLATA		DIATORA TENUE V. ELONGATUM	DINGBRYON DIVERGENS	FLAGELLATES	FRAGILATIA CAPUCINA	CROTONENSIS	FRAGILARIA INTERMEDIA V. FALLAX	IL ARTA PINNATA		GLCEOCYSTIS SP.				က		S.	מי	COTRUCTAD OF				RHIZOSCLENIA GHACILIS	SCENEDESMUS SP.	STEPHANCDISCUS SP.	STEPHANDISCUS TRANSILVANICUS			SYNEDRA SP.		
NDC 2-3		F 1.0 8	SANA	ANKI	ANK	ASTE	RIUE	V LH C	0.000	COEL	1 K C C C	CRYE	CYCL	CYCL	DIAT	DINC	FLAG	FRAG	PRAG		FRAC	GLE	GLCE	GCEL	MILL	MELC	NAV	LIN	ZII N	LIN	CCF			DEED	BHI	SCE	STE	STE	SYNI	SYN	SYN	210	i c

TOTAL 2044.0

OF FORMS * 33 DIVERSITY * 6.13 CELIS/AL PERCENT ACCTINACEND INNTESCHII V. PIUVIAILE 19.5 0.10 2.0 0.09 2.0 0.09 ANNICTORIS INCOMENTARY V. MEADLIS 19.5 0.10 2.0 0.09 1.1 0.09 1.2 0.09 1.2 0.09 1.3 0.09 1.4 0.09 1.5 0.09 1.5 0.09 1.6 0.000 1.7 0.09 1.8 0.000 1.8 0.000 1.8 0.000 1.9 0.000 1.	CELISAL DITRETT = 6.13 CELISAL PERCENT ANTHREEN NAMESCHII V. FLUTATIE 11.5					NPC 4-1 KC. OF FCRMS # 48	DIVERSITY # 3.	.89
NATIONAL PROCESSES NATIONAL PROCESSES 19 19 19 19 19 19 19 1	NAMES PROCESSED NAMES PROCESSED NAMES PROCESSED NAMES PROCESSED PROCESSE			R	13		CELLS/RL	PERCENT
1.0	19			CELLS/HL	PERCENT	ACTIVACTRUM HANIZSCHII V. PLUVIATILE	31.5	69.0
A	AKKISTOPENSONS GILTRACUES 1.0	2115		1.7	9	ANACISTIS SE. ANKISTEDESAUS FALCATUS V. MIRABILIS	33.4	0.73
1.6	19	SHIS SP.		26.0		ANKISTFODESHUS GELLFACTUS	3.7	0.08
15	1.66 NERTER CHORDS 1.00	A FORTOSA		0.68	7	ANKISTECDESMUS SP. #1	1.9	0.04
19	19	AS SE.		66.8	9	ASTERICHELLA FORMOSA	191.1	4.16
1.28 CTELNTEFOONES SP. 1.29 CTELNTEFOONES SP. 1.20 CTELNTEFOONE	15.9 1.28 CLUCKTERIONS SP. 15.7 28.2 CLCCTERIUS SP. 15.9 1.28 CLCCTERIUS SP. 15.9 0.09 CCCRISIS CLCRESTER 19.9 0.01 15.1 0.09 CCCRISIS CLCRESTER 19.9 0.01 15.1 0.09 CCCCRISIS SP. 15.2 1.0.09 CCCCCRISIS SP. 15.3 1.0.09 CCCCCRISIS SP. 15.4 0.05 CCCCCRISIS SP. 15.5 1.0.09 CCCCCRISIS SP. 15.5 1.0.09 CCCCCRISIS SP. 15.6 0.09 CCCCCCRISIS SP. 15.6 0.09 CCCCCCRISIS SP. 15.7 0.09 CCCCCCRISIS SP. 15.7 0.09 CCCCCCCRISIS SP. 15.8 FAAGILARIA SP. 15.9 0.09 CCCCCCCCCCRISIS SP. 15.0 0.09 CCCCCCCCCCCCCCCRISIS SP. 15.0 0.09 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			7.4	9.18	BLUEL-GREEN UNKNOWN FILLARENT	76.0	0.56
1157.5 28.02 CICCTETION ST. 1.9 0.0 1157.5 28.02 CICCTETION ST. 1.9 0.0 13.7 0.09 CORINGTRIN SP. 1.0 13.4 0.05 CORINGTRIN SP. 1.0 13.4 0.05 CORINGTRIN SP. 1.0 13.5 1.09 CUCCTETION SP. 1.0 13.6 CYPTOTORNESS SP. 1.0 13.7 0.09 CYPTOTORNESS SP. 1.0 13.7 0.09 CYPTOTORNESS SP. 1.0 13.8 0.18 FRACTILATE RUENDED AVELLAR 11.1 13.9 0.18 FRACTILATE AVELOATE TOTORNESS SP. 1.0 13.4 0.18 FRACTILATE AVELOATE TOTORNESS SP. 1.0 13.5 CORDESS SP. 1.0 14.6 0.18 FRACTILATE AVELOATE TOTORNESS SP. 1.0 14.7 0.09 CYPTOTORNESS SP. 1.0 15.7 0.09 CYPTOTORNESS SP. 1.0 16.8 0.18 CYPTOTORNESS SP. 1.0 17.9 0.00 CYPTOTORNESS SP. 1.0 18.5 CORCESS SP. 1.0 18.6 CALLON AVELOATE SP. 1.0 18.6 CALLON AVELOATE SP. 1.0 18.7 0.09 CYPTOTORNESS SP. 1.0 18.8 CALLON AVELOATE SP. 1.0 18.9 0.0 18.1 0.00 CYPTOTORNESS SP. 1.0 18.9 0.0 18.0 CALLON AVELOATE SP. 1.0 18.0 CALLON AVELOATE	1575 0.09 CLECKTETHONSELL LEGISSERA 14,8 0.00 1575 0.09 CLECKTETHONSELL LEGISSERA 14,8 0.00 1576 0.09 CLECKTETHONSELL LEGISSERA 19,9 0.00 1576 0.09 CLECKTETHONSELL LEGISSERA 19,9 0.00 1576 1,4 0.02 CLECKTETHONSELL LEGISSERA 19,9 0.00 1576 1,4 0.02 CLECKTETHONSELL LEGISSERA 19,9 0.00 1576 1,4 0.02 CLECKTETHONSELL LEGISSERA 19,0 0.00 1577 1,00 CLECKTETHONSELA 19,0 0.00 1577			6 4 5	1.28	CHLANYEONONAS SP.	677.1	14.73
1157.5 28.12 CCCCTETIN SP. 3.7 0.09 CCGLASTEN SP. 13.4 0.82 CCGCTELLA SP. 13.4 0.82 CCGCTELLA SP. 13.5 1.09 CCCCTELLA SP. 13.6 0.10 CCCCTELLA SP. 14.6 0.10 CCCCTELLA SP. 15.7 0.09 CCCCTCTLA SP. 15.7 0.10 FFAACLELATES WELGATUM S.7. 15.7 0.10 FFAACLELATES WELGATUM S.7. 15.7 0.10 FFAACLELATES WELGATUM S.7. 16.8 FFAACLELATES WELGATUM S.7. 17.4 0.18 FFAACLELATES WELGATUM S.7. 17.5 0.10 GCENOLISTS A FCCULAR SP. 18.6 0.10 GCENOLISTS A FCCULAR SP. 19.7 0.09 GCENOLISTS A FCCULAR SP. 10.8 0.10 GCENOLISTS A FCCULAR SP. 11.8 0.10 GCENOLISTS A FCCULAR SP. 11.9 0.10 GCENOLISTS A FCCULAR SP. 12.3 0.55 WITZCCTA A FCCULAR SP. 13.4 0.18 FFAACLELATE SP. 13.4 0.18 FFAACLER SP. 14.6 0.10 GCENOLISTS A FCCULAR SP. 15.6 0.10 GCENOLISTS A FCCULAR SP. 16.7 0.10 GCENOLISTS A FCCULAR SP. 17.4 0.10 GCENOLISTS A FCCULAR SP. 18.5 0.10 GCENOLISTS SP. 19.6 0.10 GCENOLISTS SP. 19.7 0.10 GCENOLISTS SP. 10.6 0.10 GCENOLISTS SP. 10.7 0.10 GCENOLISTS SP. 11.9 0.10 GCENOLISTS SP. 11.9 0.10 GCENOLISTS SP. 11.9 0.10 GCENOLISTS SP. 12.2 0.55 WITZCCTA A GCCULAR SP. 13.4 0.10 GCENOLISTS SP. 14.6 0.10 GCENOLISTS SP. 15.6 0.10 GCENOLISTS SP. 16.7 0.10 GCENOLISTS SP. 17.7 0.10 GCENOLISTS SP. 17.7 0.10 GCENOLISTS SP. 18.5 GCENOLISTS SP. 19.6 0.10 GCENOLISTS SP. 19.7 0.10 GCENOLISTS SP. 19.8 0.10 GCENOLISTS SP. 19.8 0.10 GCENO	1157.5 28.42 CUCKTERIN SP. 3.7 0.09 CORNAIN SP. 3.4 0.82 CUCKTERIN SP. 13.4 0.82 CUCKTERN SP. 13.4 0.82 CUCKTERN SP. 13.5 1.0 0.9 CUCKTERN SP. 13.7 0.09 CUCKTERN SP. 13.7 0.09 CUCKTERN SP. 13.7 0.09 CUCKTERN SP. 13.8 0.55 DIATOR TO SULA THICK ST. 13.9 0.00 CUCKTERN SP. 13.0 0.10 CUCKTERN SP. 13.1 0.00 CUCKTERN SP. 13.1 0.00 CUCKTERN SP. 13.2 0.00 CUCKTERN SP. 13.2 0.00 CUCKTERN SP. 13.4 0.00 CUCKTERN SP. 13.5 CUCKTERN SP. 14.6 0.00 CUCKTERN SP. 15.6 0.00 CUCKTERN SP. 15.6 0.00 CUCKTERN SP. 15.7 0.00 CUCKTERN SP. 15.8 0.00 CUCKTERN SP. 15.9 0.00 CUCKTERN SP. 15.0 0.00 CUCKTERN	# F F F F F F F F F F F F F F F F F F F				TONGTONE	14.8	0.32
17 0.09 0.05 0.	1.0 COEIASTENS SP. 1.4 1.1 1.2 COEIASTENS SP. 1.1 1.4 COEIASTENS SP. 1.1 1.4 COEIASTENS SP. 1.1 1.5 COUCTOCATELN SP. 1.1 1.2 COUCTOCATELN SP. 1.1 1.2 COUCTOCATELN SP. 1.2 COEIASTENS SP. 1.2 COEIASTENS SP. 1.2 COEIASTENS SP. 1.3 COEIASTENS SP. 1.4 COEIASTENS SP. 1.5 FAAGILLATE APPOTONINSIS 1.5 FAAGILLATE APPOTONINSIS 1.6 COEIASTENS SP. 1.6 COEIASTENS SP. 1.7 COEIASTENS SP. 1.8) C E L L L L L L L L L L L L L L L L L L		•	3 a		1.9	10.0
13.7 0.09 COEMBRING ST. 13.4 0.08 COEMBRING ST. 14.6 0.08 COEMBRING ST. 14.6 0.08 COEMBRING ST. 15.7 0.09 COEMBRING ST. 15.7 0.09 COEMBRING ST. 15.7 0.09 COEMBRING ST. 15.5 0.19 ELAGELLATES TENDER ST. 15.6 0.19 ELAGELLATES TENDER ST. 15.7 0.09 COEMBRING ST. 15.6 0.19 ELAGELLATES TENDER ST. 15.7 0.09 COEMBRING ST. 15.6 0.10 ELAGELLATES ST. 15.7 0.09 COEMBRING ST. 15.8 ELAGELLATES ST. 15.9 0.10 COEMBRING ST. 15.0 0.10 COEMBRING ST. 16.0 0.10 COEMBRING ST. 16.0 0.10 COEMBRING ST. 17.0 0.10 COEMBRING ST. 18.0 0.10 COEMBRING ST. 19.0 COEMBRING ST. 19.0 COEMBRING ST. 19.0 COEMBRING ST. 19.0 COEMB	13.7 0.09 COEMBRING SET 11.9 0.1 1.9 0			-		101-11-11-11-11-11-11-11-11-11-11-11-11-	1 7	0.16
SIS 13.4 0.09 CUNCHINA SP. 13.4 0.082 CUNCHINA SP. IA. 8 13.9 CUCTELLA SP. IA. 4 10.9 CUNCTELLA SP. IA. 4 22.3 CTATOLICE NA SELANA IA. 5 1.09 CUNCATA TENEW V. ELANATUM 22.3 0.55 ILINODPOND DIVERGENS 7.4 0.18 FRACILATE CROTONENSIS 7.4 0.18 FRACILATE CROTONENSIS 7.4 0.18 FRACILATA NITERADIA V. FALLAX 1.5 FRACILATA NITERADIA V. FALLAX 1.6 0.19 CUCCATA TENEW 1.7 0.09 CUCCATA TENEW 1.8 0.19 CUCCATA TENEM 1.9 0.10 CUCCATA TENEM 1.0 0.10 CUCCATA TEN	1.4	SCLEA		· ·	60.0			80.0
13.4 0.82 CHUCTGERA SP. 13.4 0.36 CTUTTAN SP. 13.3 3.7 CTUTTAN SCLEM 22.3 0.55 DIATCAN TENUE V. ELONGATUM 22.3 0.51 INTONION DIVERGES 25.2 6.19 INTONION DIVERGES 25.3 0.55 INTONION DIVERGES 25.4 0.09 INTONION DIVERGES 25.5 0.55 INTONION DIVERGES 25.6 0.5 INTONION DIVERGES 25.7 0.09 INTONION DIVERGES 26.8 INTONION DIVERGES 27.9 0.09 INTONION DIVERGES	13.4 0.82 CURCEGEN SP. 14.6 0.82 CURCEGEN SP. 15.7 14.6 0.83 CURPEDROVA SP. 17.1 10.05 DIATCAS TENER V. ELCHARUM 11.1 0.91 CURDOPON DIENGES 25.2 0.91 LINGOPON DIENGES 25.2 0.10 CURLEAR SP. 27.4 0.18 FRACILARIA SP. 27.4 0.18 FRACILARIA SP. 27.5 0.09 GUECECCYSTIS SP. 27.6 0.09 GUECECCYSTIS SP. 27.7 0.09 GUECECCYSTIS SP. 27.8 0.09 GUECECCYSTIS SP. 27.9 0.09 GUECECCYSTIS SP. 27.1 0.09 GUECECCYSTIS SP. 27.1 0.09 GUECECCYSTIS SP. 27.2 0.09 GUECECCYSTIS SP. 27.3 0.09 GUECECCTSTIS SP. 27.4 0.18 FRACILARIA SP. 27.5 0.09 GUECECCTSTIS SP. 27.6 0.09 GUECECCTSTIS SP. 27.7 0.09 GUECECCTSTIS SP. 27.8 0.00 WILLDOS N. 27.9 0.00 WILLDOS N. 27.9 0.00 WILLDOS N. 27.9 0.00 WILLDOS CLENA ACCULARIS 27.0 0.00 WILLDOS CLENA ACCULARIS	A R R		3.7	60.0	COSMANION	• •	•
13.4 0.35 CYMPTOTELN SP. 1.9	13.6 0.36 CTMPPEDRANS SP. 17.5 1.9	515		33.4	0.82	CRUCIGENIA SP.	S	3 0
13.3 3.37 CYMATORIELA SP. 400.7 81.	17.3 13.3 CYCLOTELLA SOLEM 400.7	•		14.8	0.36	CHYPTOMONAS SP.	70.5	2,53
V. FALLAX 44.5 10.9 CVANTOBLEURA SOLEA 11.1 0.0 22.3 0.55 DIATGAR TENER ECHGRATH 11.1 0.7 25.3 6.19 FFAGILARE 74.2 1.9 63.1 1.55 FFAGILARE 8.0 1.4 63.1 1.55 FFAGILARE 8.0 1.4 7.4 0.19 FFAGILARE 8.0 1.4 1.5 FFAGILAREA 8.0 1.6 1.6 1.4 0.09 GLENCDIATION 8.0 1.6 1.4 0.09 GLENCDIATION 1.9 1.9 1.4 0.10 GREN SCLITARY 1.9 1.9 1.4 0.15 FRENCILLARY 1.9 1.9 1.4 0.15 FRENCILLARY 1.9 1.9 1.4 0.15 FRENCILLARY 1.9 1.9 1.4 0.16 GREN SCLITARY 1.0 1.9 1.4 0.16 FRENCILLARY 1.9 1.	V. FALLAX 22.3 0.55 DIATORLENA SOLRA 22.3 0.55 DIATORLENA TENNEY, ELGATUM 11.1 0.0 22.3 0.19 FEAGLIAREA CROTORISIS 39.8 6.1 7.4 0.18 FEAGLIAREA CROTORISIS 39.8 6.1 7.4 0.19 FEAGLIAREA CROTORISIS 39.8 6.1 7.4 0.10 FEAGLIAREA CROTORISIS 39.8 6.1 7.4 0.10 FEAGLIAREA SP. 14.2 7.4 0.10 GLENOTIUM SP. 2.2 7.4 0.09 GLENOTIUM SP. 2.2 7.5 0.09 GLENOTIUM SP. 2.2 7.6 0.09 GLENOTIUM SP. 2.2 7.7 0.09 GLENOTIUM SP. 2.2 7.8 0.25 GLENOTIUM SP. 2.2 7.8 0.26 GLENOTIUM SP. 2.2 7.8 0.29 GRENOTIAREA A FORINA 1.9 7.1 0.09 GLENOTIUM SP. 2.2 7.4 0.09 GLENOTIAR SP. 2.2 7.4 0.09 WINISCHA SP. 2.2 7.4 0.09 WINISCHA SP. 2.2 7.4 0.09 WINISCHA SP. 2.2 7.4 0.00 WINISCHE SP. 2.2 7.5 0.00 WINISCHE SP. 2.2 7.6 0.00 WINISCHE SP. 2.2 7.7 0.00 WINI	SISNEHOLOGO		137.3	3,37	CYCLOTEILA SP.	400.7	8.72
V. PALLAX 22.3 0.55 DIATCRA TENNE V. ECONGATUM 575 1. 22.2 0.91 ELIANDEPOND UVENGERS 7.4.2 1. 22.2 0.18 FEAGLIARE CPOTONENSIS 309.8 6. 7.4 0.18 FEAGLIARE S	V. PALIAX 22.3 0.55 DINTCAN TENNE W. ECHOGATUM 57.5 1.1 1.55 1.100PPNO DIVERGENS 57.5 1.1 1.55 1.100PPNO DIVERGENS 30.5 1.1 1.55 1.100PPNO DIVERGENS 30.5 1.1 1.55 1.100PPNO DIVERGENS 3.1 1.15 1.100PPNO DIVERGENS 3.1 1.15 1.100PPNO DIVERGENS 3.1 1.15 1.100PPNO DIVERGENS 3.1	HTTP: FINE			1:09	CYNATOFLEURA SOLEA	1.9	70.0
100 100	7.1 0.99			200		DIATONA TENNE V. BLONGATUM	11.1	0.24
252.3 6.19 FINGELIATES CROTOMENSS 7.4 0.18 FENGINARIA GROTOMENSS 6.3.7 0.09 GLEBOCKYTTS SP. 5.4 0.18 FENGINARIA SP. 5.7 0.09 GLEBOCKYTTS SP. 5.7 0.09 GLEBOCKYTTS SP. 5.8 0.29 GREBOSHARIA AFONIAN 5.9 0.20 GREBOSHARIA AFONIAN 5.1 0.09 GREBOSHARIA AFONIAN 5.1 0.09 GREBOSHARIA AFONIAN 5.2 0.05 MATORIA SP. 5.4 0.10 GREBOSHARIA AFONIAN 5.5 0.05 MATORIA SP. 5.6 0.00 MATORIA SP. 5.7 0.09 MATORIA SP. 5.7 0.09 MATORIA SP. 5.8 0.09 MATORIA SP. 5.9 0.09 MATORIA SP. 5.0 0.09 MATORIA SP. 6.0 0.00	THE COLOR THE			27.			57.5	1.25
CTATA V. CUMEATA V. FALLAX PROTONENSIS CTATA V. CUMEATA 1.55 FRAGILLAIA (NIERNEDIA V. FALLAX 48.2 1. 1.55 FRAGILLAIA (NIERNEDIA V. FALLAX 48.2 1. 1.55 FRAGILLAIA SP. 1. 1.50 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	CTATA V. CUREATA 2.1 1.55 FANGILLAIA FURENBEDIA V. FALLAX 1.4 0.18 FANGILLAIA FURENBEDIA V. FALLAX 2.4 0.19 GLENCOLNINH SP. LALL LALL LALL 3.7 0.09 GLENCOLNINH SP. 22.3 0.29 GREEN SCLIMARY, UNKNORN 1.9 0.16 MELOSTER SP. 10.49.9 0.55 MELOSTER SP. 10.49.9 0.55 MELOSTER SP. 10.49.9 0.55 MELOSTER SP. 10.49.9 0.55 MELOSTER SP. 22.3 0.55 MELOSTER SP. 10.49.9 0.55 MELOSTER SP. 22.3 0.55 MELOSTER SP. 22.3 0.55 MELOSTER SP. 1.7 0.09 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 1.9 0.09 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 1.9 0.09 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 23.7 0.09 MITZSCHIA SP. 1.9 0.09 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 23.7 0.09 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 22.3 0.55 MITZSCHIA SP. 23.7 0.00 MITZSCHIA SP. 1.9 0.00 MITZSCHIA SP. 1.0 0.00 MITZSCHIA SP. 1.0 0.00 M			- ה ה ה			74.2	1.61
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NCIATA V. CUREATA NCIATA NCIATA V. CUREATA NCIATA N	NUTATA W. CUMEATA 1.55 FRACILITIAN F. FALLAN 5.6 0.0 NUTATA W. CUMEATA 3.7 0.09 GLENODININ S. P. 1.5 0.09 GLENODININ S. 7.5 0.0 1.5 0.09 GLENODININ S. 7.5 0.0 1.5 0.09 GREEN SCHONY 0.0 0.0 1.5 0.09 GREEN SCHONY 0.0 0.0 1.5 0.05 MILDSIEN S. 1.9 0.0 1.5 0.05 MILDSIEN S. 1.9 0.0 1.5 0.05 MILDSIEN S. 1.9 0.0 1.5 0.05 MILDSIEN S. 1.5 0.0 1.5 0.05 0.05 0.05 0.05 0.0 1.5 0.05 0.05 0.05 0.05 0.0 1.5 0.05 0.05 0.05 0.05 0.05 0.0 1.5 0.05 0.05 0.05 0.05 0.05 0.05 0.05 1.5 0.05 0.05 0.05 0.05 0.05 0.05 0.05 1.5 0.05	•а		h • /	8.0	270272		•
NUTATA V. CUNEATA 3.7 0.78 FRENCISCALARIA SP. 1.4 0.09 GLENODIANIN SP. 1.4 0.09 GLENODIANIN SP. 1.4 0.09 GLENODIANIN SP. 1.4 0.09 GRENN SCLITANY, UNKNOWN 1.9 0.04 1.0 0.05 STANIN SP. 1.0 0.09 GRENN SCLITANY, UNKNOWN 1.0 0.05 STANIN SP. 1.0 0.09 GRENN SCLITANY, UNKNOWN 1.0 0.09 STANIN SP. 1.0 0.09 GRENN SCLITANY, UNKNOWN 1.0 0.09 STANIN SP. 1.0 0.09 GRENN SCLITANY, UNKNOWN 1.0 0.09 STANIN SP. 1.0 0.09 GRENN SCLITANY, UNKNOWN 1.0 0.09 STANIN SP. 1.0 0.09 GRENN SCLITANY, UNKNOWN 1.0 0.09 STANIN SP. 1.0 0.09 STANI	NCIATA V. CUMEATA 3.7 0.09 GLENODININ SP. 1.4 0.09 GLENODINIS SP. 1.4 0.09 GLENOTYSIS SP. 1.4 0.09 GLENOTY UNKNOWN 1.9 0.00 1.4 0.00 GLENOTY UNKNOWN 1.9 0.00 1.0 0.00 GLENOTY UNKNOWN 1.9 0.00 1.0 0.00 GLENOTY UNKNOWN 1.9 0.00 1.0 0.00 GLENOTY UNKNOWN 1.0 1.0 0.00 GLENOTY U			63.1	1.55	MEDIA V.	7.0	
NUTATA V. CUNEATA 3.7 0.09 GLEBOCYSTES SP. 1.4.6 0.16 GREEN SCLEDNY, UNKNOWN 1.9 0.09 GREEN SCLEDNY, UNKNOWN 1.9 0.09 GREEN SCLEDNY, UNKNOWN 1.9 0.09 GREEN SCLEDNY 2.3 0.09 GREEN SCLEDNY 3.7 0.09 GREEN SCLEDNY 497.1 12.20 GREEN SCLEDNY SCREPESYS SP. 1.9 0.00 GREEN SCLEDNY 1.9 0.00 G	NUTATA V. CUNEATA NOTATA NOT			7.4	0.18	FRAGILAFIA SP.	0.0	2.0
ULABLE 3.7	ULAMA	PUNCIATA V. CUNEATA		3.7	60.0	GLENCDINI DM SP.		7.0
NOTE	RACILIS 3.7	PINA		3.7	60.0	GLCEOCYSTIS SP.	775.4	10.01
376.4 9.29 GREEN COLONY, UNKNOWN 1.9 0.0	## 9.29 GREEN SCLITARY, UNKNOWN 1.9 14.8 0.36 GREEN SCLITARY, UNKNOWN 1.9 2.2 3 0.55 MELOSIKA ITALICA 209.6 3.7 0.09 MELOSIKA SP. 2098.3 2.8	ICULARIS		3,7	60.0	SCMFIIGSFII AEFIA AFCNINA	D.	90.0
14.8 0.36 GREEN SCLITARY, UNKNOWN 22.3 0.55 MELOSIKA ISLANFICA 22.3 0.65 MELOSIKA ISLANFICA 20.6 44. 0.82 MELOSIKA SP. 0.09 MINISCRIA SP. 0.000 WINISCRIA SP	14.8 0.36 GEEN SCLITARY, UNKNOWN 199.9 1.22.3 0.55 MELOSIEA ISLANIICA 209.6 4.22.3 0.55 MELOSIEA ISLANIICA 209.6 4.22.3 0.69 MELOSIEA SP. 10.09 MATUCULA SP. 25.77 MATUCULA SP. 22.3 0.55 MITZSCHIA AILULARIS 7.4 0.65 MITZSCHIA SP. 17.4 0.77.1 12.20 MITZSCHIA SP. 42 0.09 MITZSCHIA SP. 42 0.09 MITZSCHIA SP. 42 0.009 MITZSCHIA SP. 42 0.000 MITZSCHIA SP. 37 0.000 MITZSCHIA MITZ			378.4	9.29	GREEN COLONY, UNKNOWN	1.9	70°0
22.3 0.55 MELOSIEA ISLANEICA 3.7 0.09 MILOSIEA ITALICA 3.7 0.09 MILOSIEA SP. 1049.9 25.77 NAVICULA SP. 22.3 0.55 NATZSCHIA ACICULARIS 3.7 0.09 NATZSCHIA SP. 497.1 12.20 NATZSCHIA SP. 497.1 12.20 NATZSCHIA SP. 7.4 0.0	22.3 0.55 WELDSIEA ISTANFICA 3.7 0.09 WALDSIEA ITALICA 3.7 0.09 WALDSIEA ITALICA 3.4 0.82 PEEDSIEA SP. 1049.9 25.77 NATICULA SP. 22.3 0.55 NITZSCHIA ACTCULARIS 3.7 0.09 NITZSCHIA SP. 497.1 12.20 OCTROMONAS SP. 00CYSTIS SP. 00CYSTIS SP. 1.9 0.00 NITZSCLENIA GRACILIS 5. CORRESSOR 00CYSTIS SP. 1.9 0.00 NITZSCLENIA GRACILIS 5. CORRESSOR 00CYSTIS SP. 1.9 0.00 NITZSCLENIA GRACILIS 5. CORRESSOR 5. CORRESSOR 5. CORRESSOR 5. CORRESSOR 6. C	GRACILIS		14.8	0.36	GREEN SOLITARY, UNKNOWN	1.9	0.04
31.4 0.09 WELDSIEN ITALICA 31.4 0.82 WELDSIEN SP. 10.49.9 25.77 MAUCUIA SP. 22.3 0.55 WITZSCHIA ACICULARIS 3.7 0.09 WITZSCHIA ACICULARIS 3.7 0.09 WITZSCHIA SP. 42 497.1 12.20 WITZSCHIA SP. 42 00CYSTIS SP. 600CYSTIS SP. 11.9 0.00 00CYSTIS SP. 600CYSTIS SP. 12.00 00CYSTIS SP. 600CYSTIS SP. 600CYSTIS SCINCHED SYNCRIS 3.7 0.09 WITZSCHIA SP. 42 00CYSTIS SP. 600CYSTIS SP. 63.1 1.9 0.00 SYNEDRA OSIGNFELDI SP. 63.0 0.00 SYNEDRA SP. 610.0 SYNEDRA SP. 63.1 13.0 0.00 SYNEDRA SP. 610.0 SYNEDRA SP. 61.9 0.00	31.4 0.09 WELDSIEN ITALICA 31.4 0.82 WELDSIEN SP. 10.49.9 25.77 MOUTCULA SP. 22.3 0.55 WITZSCHIA ACICULARIS 3.7 0.09 WITZSCHIA ACICULARIS 3.7 0.09 WITZSCHIA SP. 42 497.1 12.20 WITZSCHIA SP. 42 000000000000000000000000000000000000	, de		22.3	0.55	MELOSIFA ISLANFICA	209.6	4.56
33.4 0.82 WELOSIER SP. 1049.9 25.77 hOUGROIIA SP. 22.3 0.55 WITZSCHIA ACICULARIS 22.3 0.55 WITZSCHIA ACICULARIS 3.7 0.09 WITZSCHIA SP. 497.1 12.20 OCFROMONAS SP. 00CYSTIS SP. 00CYSTIS SP. 00CYSTIS SP. 1.9 0. 1.9	33.4 0.82 MULOSIRA SP. 1049.9 25.77 MOUGROIIA SP. 22.3 0.55 MITSCHIA SP. 23.3 0.65 MITSCHIA SP. 497.1 12.20 MITSCHIA SP. 497.1 12.20 MITSCHIA SP. 497.1 12.20 MITSCHIA SP. 600 STERNA SP. 7.4 0.00 7.	A TROBORIS			60.0	METOSTEA TTALICA	98°3	2.14
1049.9 25.72 hOUGROILA SP. 22.3 0.09 NITSCHIA ACTCULARIS 1.7 0.09 NITSCHIA SP. 497.1 12.20 NITSCHIA SP. 497.1 12.20 OCFROMCNAS SP. COCYSTIS SP. 1.9 0.09 RHIZOSCLENIA BRIENSIS 1.9 0.00 RHIZOSCLENIA SP. SCINEDESHUS SP. SCINEDESHUS SP. 57.4 0.00 1.9 0.00 1.9 0.00 1.9 0.00 1.9 0.00 1.9 0.00 1.00	1049.9 25.72 hough SP. 10.09 NITSCHIA ACICULARIS 17 0.09 NITSCHIA SP. 12.20 O.55 NITSCHIA SP. 12.20 O.6FROMGNAS SP. 00CYSTIS SP. 10.00 RHIZOSCLENIA BRIENSIS 11.9 O.7. 12.00 RHIZOSCLENIA BRIENSIS 12.00 RHIZOSCLENIA SP. 13.00 O.7. 14.00 O.7. 15.00 O.7. 16.00 O.7. 17.00 O.7. 18.50 O.7. 19.00 O.7. 10.00 O.7. 1					THE COLUMN AD	3.7	90.0
7.4 0.09 NAVICULA SP. 22.3 0.55 NITSCHIA ACICULARIS 1.7 0.09 NITSCHIA SP. 3.7 0.09 NITSCHIA SP. 497.1 12.20 NITSCHIA SP. 497.1 12.20 NITSCHIA SP. 1.9 0.7 NITSCHIA SP. 1.9 0.7 NITSCHIA SP. 1.9 0.7 NITSCHIA SP. 1.9 0.7 NITSCHIA SP. 1.0 0.7 NITSCHIA SP. 1	7.4 0.09 NAVICULA SP. 22.3 0.55 NITSCHIA ACICULARIS 1.7 0.09 NITSCHIA SP. 497.1 12.20 RITSCHIA SP. 497.1 12.20 RITSCHIA SP. 7.4 0.0 RITSCHIA SP. 7.4 0.0 RITSCHIA SP. 7.4 0.0 1.9 0.1 RITSCHIA SP. 7.4 0.0 1.9 0.1 RITSCHIA SP. 7.4 0.0 1.9 0.1 RITSCHIA SP. 8.1 0.0 RITSCHIA SP. 8.2 0.0 RITSCHIA SP. 8.3 0.0 SCHNEDESHUS SP. 8.4 0.0 STREDRA SP. 8.4 0.0 STREDRA SP. 8.4 0.0 STREDRA SP. 13.0 STREDRA SP.			0 0 0 0	עכ		5.6	0.12
22.3 0.55 NITSCHIA ACICULARIS 18.5 0.09 NITSCHIA ACICULARIS 17.4 0.09 NITSCHIA SP. 42 0.09 NITSCHIA SP. 42 0.009 NITSCHIA SP. 42 0.009 NITSCHIA SP. 42 0.000 NITSCHIA SP. 42 0.000 NITSCHIA SP. 42 0.000 NITSCHIA SP. 42 0.000 NITSCHIA SP. 43 0.000 NITSCHIA SP. 43 0.000 NITSCHIA SP. 45 0.000 NITSCHIA SP. 45 0.000 NITSCHIA NITSCHI	22.3 0.55 NITSCHIA ACICULARIS 18.5 0.09 NITSCHIA ACICULARIS 17.4 0.09 NITSCHIA SP. 42 0.09 NITSCHIA SP. 42 0.009 NITSCHIA SP. 42 0.000 NITSCHIA SP. 43 0.000 NITSCHIA SP. 43 0.000 NITSCHIA SP. 43 0.000 NITSCHIA NI	SECTION TO SECTION		` "	١c	NAVIOUTA SP.	7.4	0.16
TOTAL 4073.6 100.0 NITSSCEPA SP. 42 497.1 12.20 NITSSCEPA SP. 42 OCFROMONAS SP. 42 OCYSTIS SP. 1.9 0.1.9 0.2 NITSOSCENIA SP. 1.9 0.2 NITSOSCENIA SPRICIIS SCENEDESYUS QUARRIES SCENEDESYUS QUARRIES STEPHANDDISCUS SP. 454.5 STEPHANDDISCUS SP. 455.4 STEPHANDISCUS SP. 455.	TOTAL 4073.6 100.0 NITSSCHASP. 2.7 0.09 NITSSCHASP. 0CFROMASS SP. 0CFROMASS SP. 1.9 0.4.6 2. 00CYSTIS SP. 1.9 0.1 1.9 0.1 1.9 0.1 1.9 0.1 1.9 0.1 1.9 0.1 1.0 NITSOSCIENTA BRIENSIS 1.0 0.1 1			22.3		NITZSCHIA ACICULARIS	18,5	0,40
### ### ##############################	### ### ##############################					NITZSCEIA SP.	7.4	0.16
CCFRCACNAS SP. 94.6 2.	CCFRCHCNAS SP. 94.6 2.	TERESTS AT A		. 6		RITZSCHIA SP. #2	1.9	0.04
OCTAL 4073.6 100.0 RHIZOSCLENIA EMIENSIS ANIZOSCLENIA GRACILIS SCENEDESYUS QUARPICAUDA SCENEDESYUS SP. STEPHANDISCUS SP. STREPHANDISCUS SP. STREPHANDISCUS SP. STREPHANDISCUS SP. 155.8. 454.5 157.0 STREPHANDISCUS SP. 57.0 156.8. 157.0 157.0 STREPHANDISCUS SP. 57.0 157.0 157.0 57.0 57.0 57.0 157.0 157.0 57	OCCYSTIS SP. RHIZOSCLENIA GRACILIS RHIZOSCLENIA GRACILIS SCENEDESYUS QUARFICAUDA SCENEDESYUS SP. STEPHANDISCUS SP. STREFHANDISCUS SP. STREFHANDISCUS SP. STREFHANDISCUS SP. STREFHANDISCUS SP. 155.8. 454.5 156.8. 179 0. 180 0. STREFRA OLINA STREFRA OLINA TARELLARIA FENESTRAIA 120 0.			:		OCERCIAL SP.	9.46	2.06
OTAL 4073.6 100.0 RHIZOSCLENIA ERIENSIS NHIZOSCLENIA GRACILIS SCENFDESYUS QUAEPICAUDA 3.7 0. SCENEDESMUS SP. STEPHANDISSUS SP. STEPHANDISSUS SP. STEPHANDISSUS SP. STEPHANDISSUS SP. 1.9 0. SYNEDRA SP. SYNEDRA SP. 13.0 0. SYNEDRA SP. SYNEDRA ULAN 13.0 0.	OTAL 4073.6 100.0 RHIZOSCLENIA EMIENSIS 1.9 0. RHIZOSCLENIA GRACILIS 94.6 2. 2. SCENEDESYOS QUARPICAUDA 3.7 0. SCENEDESYOS SP. 155.8 3. 5. STEFHANDISCUS SP. 454.5 9. STEFHANDISCUS SP. 454.5 9. SYNEDRA FLANCHIS FLANCHIS 63.1 1.0 SYNEDRA SP. SYNEDRA B. S. STEFHANDISCUS SP. 13.0 0. SYNEDRA B. S. SYNEDRA GIZNYELDI 13.0 0. SYNEDRA GIZNYELDI 13.0 0. 13.0 0. SYNEDRA GIZNYELDI 15. 13.0 0. 13.0 0. SYNEDRA GIZNYELDI 15. 13.0 0.					COCYSUIS SP.	1.9	70.0
SCENEDESYUS QUACFILES SCENEDESYUS QUACFICAUDA SCENEDESMUS SP. STEPHANDISSONS SP. STEPHANDISSONS SP. STEPHANDISSONS SP. SYNEDAN ST. FULL FOLTIS SYNEDAN SP. SYNEDAN SP. SYNEDAN SP. 13.0 SYNEDAN SP. SYNEDAN ULAN	SCENEDESYUS QUACFILES SCENEDESYUS QUACFICAUDA SCENEDESMUS SP. STEPHANDISSON. STEPHANDISSON. STEPHANDISSON. SYNEDRA OSIENFELDI SYNEDRA SP. SYNEDRA SP. 13.0 SYNEDRA ULNA TALELLARIA FENESTRAIA 12.0 13.0 14.6 2.7 45.4.5 9.5 45.4.5 9.7 19.0 19.0 19.0		70.04	073	Ö	RHIZOSCLENIA EMIENSIS	1.9	0.04
EPICAUDA 3.7 0. SP. TANNILVANICUS 454.5 9. TANNILVANICUS 63.1 1.9 0. 13.0 0. 13.0 0.	EPICAUDA 3.7 0. SP. 454.5 9. **TANSIL VANICUS 63.1 1.9 0. 10.1 13.0 0. STRAIA 562.5 12.			;		BHIZOSCLFNIA GRACILIS	9.46	2.06
155.8. 3. 454.5 9. 7.15 1.9 0. 13.0 0.	155.8. 3. 5P. 454.5 9. 77ANSILVANICUS 63.1 1.9 0. 10II 13.0 0. 13.0 0. 13.0 0.					SOURCE SAINS OF A LONG SAINS O	3.7	0.08
454.5 9. 71ANSILVANICUS 454.5 9. 11S 13.0 0. 13.0 0. 13.0 0.	454.5 9. 71ANSILVANICUS 454.5 9. 11S 63.1 1. 12JI 13.0 0. 13.0 0. 13.0 0. 13.0 0. 13.0 0.					CO CENTRALOR	155.8	3,39
1.9 0.41S 1.01I 13.0 0.13.0 0.10.11 13.0 0.	1.9 0.41S 41S 63.1 1. 1.0II 13.0 0.					AS SHUST COMMERCE.	5,454	9.89
115 10II 13.0 0.	115.0 63.1 1.2 13.0 0.1 13.0 0.2 13.0 0					CHULAND IN CASE CONTRACTORS	1.9	0.04
13.0 0.1 13.	13.0 0.13.0 0.13.0 0.25.5 12.0 0.12.0 0.13.0						6 3. 1	1.37
13.0 0.13.	13.0 0.1 13.0 0. 13.0 0. 1.9 0. STRATA 562.5 12.							•
VEDENT SE. 13.0 C. 13.	TREISA SF. 1.9 0. ALELLANIA FENESTRATA 562.5 12.					7	2.0	•
O NOT THE COURT OF	INCUSA ULMA APELLANTA FENESTRATA 562.5 12.					A STORY	200	•
	AFFLLAKIA FENESIKAIA 302.3 (z.					SYNEDRA ULNA	V.1	•

4596.7

TOTAL

NDC 4-2 kO. OP FCBM5 = 53	DIVERSITY *	ITY = 3.39		NBC 4-3 NO. 05	PORMS = 31	DIVE	DIVERSITY = 3.50	o
	0	CELLS/HL	PERCENT				CELLS/RL	PERCENT
ACHNANTHES SF.		5.6	0.07					
ACTIMASTRUA HANTESCHII V. PLUVIATILE	•	9.0	0.07	ARKISTRODESHUS SP.			 	600
ANKINTENDESTUS FALCATUS V. MIRABILIS		3 I	0.56	-	1		7.7	
ANKISTECDESMUS GELLFACTUS		3.7	900		ILARENT		7.7	
ASTERICMELLA PORMOSA		627.0	7.55	CHLAMYIOMONAS SP.			0.5	
DECEMBER OF SERVICE STREET	•	20.4	0.25	CLCSTEFIUM SP.			* : - :	
CHLAMY LOYONAS SP.	-	283.7	15.45	CRYPTOMONAS SP.				2.6.0
CLCSTE FIOPSIS LCNGISSIMA		7.4	60.0	CYCLCTILLA CCFLLATA			, c	90.0
CLCSTEFIUM SP.		1.9	0.02	CYCLOTELLA SP.			158.7	10.0
CCELASTFUM 7P.		9.3	0.11	DINOBRON CYSTS			• •	
CRYPTOHONAS SP.		120.6	7.45	DINCHRYON SP.			, .	
CYCIOTEILA CCELLATA		13.0	0.16	FLASFLLATES			٠. د د	70.0
CYCLOTELLA SP.		322.8	3.88	FAAGILARIA CROTCNENSIS				7.44
DIATOXA TENUS		1.9	0.02	FRAGILARIA INTERMEDIA			20.0	3.20
DIATOMA TENUE V. ELONGATUM		16.7	0.20	FRAGILAGIA INTERMEDIA	V. FALLAX		7.9	0
DIATORA VILGARE		1.9	0.02	GLENODINIUM SP.			J. C.	7.7
DINCOLYON DIVERGENS		68.6	0.83	GICEOCYSTIS SP.			9.91	D (*
FIAGELIATES		319.1	3.84	GRIEN FILAMENT, UNKNOW	==		1.9	21.0
FRAGILARIA CAPUCINA		74.2	0.89	MELOSIFA ISLANLICA			4.0 0.0	9.0
SIS		205.9	2.48	MELOSIRA SP.			9.6	7.12
FAGILARIA INTEPMECIA V. FALLAX		270.8	3.26	NAVICULA PUPULA V. ROSTI	ROSTRATA			9.0
FRAGILEGIA SP.		-	0.13	NAVICULA SP.			ຄຸດ	50.0
GLENODINIUM SP.		90.9	1.09	NITZSCHIA SP.			5 6	900
GREEN COLCHY, UNKNOWN		4.9	0.02	OCHROMCNAS SP.			220.9	13.97
GREEN SOLITAPY, UNKNOWN		6.	0.02	RHIZOSCIENIA GRACILIS				0.5
MELOSITA GRANCIATA		9	0.07	RHIZOSOLENIA SP.			7.5 4	2,73
RELOSIFA ISLANCICA		560.2	6.74	SCENEDESMUS SP.			- :	6/.7
KEIOSIFA ITALICA		6.77	9.00	S	- Cu		• •	,
rougectia SP.		6.1	20.0	STEPHANCDISCUS TRANSLL	AARTCOS		• • • • • •	2 5
		٠.	70.0	SYNEORA SP.			•	
PAVICULE SP.		7.95	0.20	A ULNA			6.964	27.59
		39.0	3 6	TAPELLARIA FCNESTRATA			•	
		` •						
KITZSCHIA SP. #2			200			11404	8 0831	100
OCHFOMCNAS SP.		9 6				78 101		•
OELCGORIUM SP.		- v						
COCYSTIS SP.								
		7.6	60.0					
COUNTRICATE OF		168.8	2.03					
SCENEDESHICS QUADRICAUDA		1.9	0.02					
SCENEDESHUS SP.		111.3	1.34					
SIEPHARODISCUS EINEERANDS		14.8	0.18					
SIEPHANODISCUS SF.	. •	3045.9	36.66					
STEPHA "CDISCUS TRANSIL VANICUS								
SYNEDRA DELICATIONIA		٠,٠						
STEED AND WILLIEGESIS		. =	000					
SYMEDRA OBJESTEDIL		, , ,						
OF STREET STREET		22.3	0.27					
TARREST A LEGISLAND		519.4	6.25					
TETRAFLEGN CAUCATUR		1.9	6.02					
MESTELLA DCTRYCICES		22.3	0.27					
	TOTAL	8306.5	100.0					

3702.2

TOTAL

TABELLARIA FENESTRATA TETRAETRON SP.

#-# 2GE

CELIS/ML PERCENT 1.9 0.05 1.9 0.05 1.16 1.77 1.16 1.50 1.87.7 4.27 1.15 1.87.7 4.27 1.15 1.87.7 4.27 1.15 1.87.7 4.27 1.9 0.05 1.9 0	CIINASTRUM HANTZSCHII V. FLUVIATILE	0	
V. FLUVIATILE	TINASTRUM HANTZSCHII V.	CELLS/AL	PERCENT
S V. MIRABILIS 42.7 1.16 5.6 0.15 157.7 4.27 1.16 157.7 4.27 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.1		0	no • 0
AMENT 645.5 AMENT 645.5 157.7 11.1 645.5 11.1 645.5 11.1 645.5 11.1 6.15 11.1 6.15 11.1 6.15 11.1 6.15 11.1	NKISTRODESAUS FALCATUS V. MIRABILIS	11.6	00.0
157.7 4.27 18.7 17.50 19.3 11.1 0.30 11.1 0.30 11.1 0.30 11.1 0.30 11.2 1.66 11.3 0.05 11.3	PERNOCAPSA SP.	0 0	70.0
AMENT (45.5) (45.5) (45.5) (41.7) (45.6) (41.7)	PHANOTHECE SP	5.0	#0°0
#A 11.1 0.30 #1.6 0.15 #1.6 0.15 #1.7 0.30 #1.9 0.05 #1.2 0.10 #1.5 0.10	STERICUELLA FORMOSA	t 0 t	3.46
SA 5.6 0.15 11.1 0.30 81.6 2.21 9.3 0.25 144.7 3.92 1.9 0.05 1.9 0.05 1.9 0.05 1.13.2 1.46 53.8 1.46 606.4 16.49 1.3.0 0.05 1.3.0 0.05 1.9 0.05	BLUE-GERRN UNKNOWN FILAMENT	11.6	1.00
11.1 0.30 81.6 2.21 144.7 3.92 1.9 3 0.25 1.9 0.05 1.9 0.05 1.9 0.05 1.0 0.05 1.1 0.05 1.1 0.05 1.1 0.05 1.2 0.05 1.2 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.05 1.3 0.10 1.	CHLARY DCMONAS SP.	257.1	22.05
81.6 2.21 9.3 0.25 1.9 0.05 1.9 0.05 1.0 0.05 53.8 1.46 53.8 1.46 53.8 1.46 606.4 16.49 606.4 16.49 606.4 16.49 606.4 16.49 606.4 16.49 606.15 1.9 0.05 1.9 0.05	v,	2.3	0.20
9.3 0.25 144.7 3.92 1.9 0.05 1.9 0.05 1.66 53.8 1.46 53.8 1.46 53.8 1.46 53.8 1.46 53.8 1.46 53.8 1.46 53.8 1.46 606.4 16.49 606.4 16.49 607.7 1.9 0.05 1.9 0.10 1.9	CIRCULAR	0.5	10.0
144.7 144.7 1.9 1.9 1.9 0.05 1.9 1.06 1.06 1.06 1.13.2 1.13.2 1.07 1.09	OELASIRUM SP.	6.0	0.08
1.9 0.05 CC	RYPICKONAS SP.	26.9	2.31
ATUM 61.2 1.66 1.66 1.66 218.9 2.18.9 1.20 1.30	CYCLOTEILA OCEILATA	3.2	0.28
53.8 1.46 53.8 1.46 53.8 1.46 7.46 7.13.2 3.07 7.60 7.70 7.90 7.90 7.90 7.70 7.70 7.70 7.7	Sr.	32.0	2.75
154.0 154.0 1.46 53.8 1.46 606.4 157.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	DINCBRYON DIVERGENS	17.2	1.47
53.8 1.46 F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		50.1	4.30
218.9 5.93 76.1 76.1 76.1 606.4 157.7 76.49 606.4 157.7 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.		4.2	0.36
V. FALLAX 113.2 3.07 53.8 13.0	CROTONENSIS	75.6	6,49
76.1 53.6 53.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9		24.6	2.11
606.4 16.49 53.8 1.46 7.9 0.05 7.9 0.05 7.9 0.05 7.9 0.05 7.9 0.05 7.9 0.05 7.9 0.05 7.9 0.05 8.415.5 11.26 8.3 7.0 0.10 8.44.5 1.21 8.5 0.10 8.5 0	FRAGILARIA SP.	0.5	†C.0
53.8 1.46 6 6 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.05 1.9 0.10 1.9 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.10 1.2 0.10 1.9 0.1	SP	16.7	1.43
53.8 1.9 0.05 1.9 0.05 5.6 0.35 1.9 0.05 1.9 0.05		112.8	9.67
1.9 0.05 13.0 0.05 13.0 0.05 13.0 0.05 13.0 0.15 13.0 0.15 13.0 0.05 13.0 0.05 13.0 0.05 13.0 0.05 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	ONY, DAKNOWN	7.	0.12
13.0 13.0 12.0 12.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	REEN SOLITARY, UNKNOWN	S • 0	10.0
13.0 5.6 129.8 3.52 1.9 0.05 0.05 1.9 0.05 0.05 1.9 1.9 0.05 0.10 1.9 1.21 8.415.5 1.26 8.3 1.21 8.3 1.26 8.3 8.415.5 8.415.5	ELOSIPA ISLANDICA	4°59	5.61
129.8 3.52 N 1.9 0.05 O 15 O	ALICA	17.2	1.47
1.9 0.05 0 0.05 0 0.05 0 0.05 0 0.05 0 0.05 0 0.05 0 0.05 0 0.05 0 0.05 0 0.10 0.1	CICU	7.0	0.60
1.9 0.05 0.05 1.9 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.	ITZSCHIA SP. #2	5 · ·	90.0
1.9 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.	CHROMCNAS SP.	. O	\$C.0
1.9 0.05 3.7 0.10 77.9 2.11 72.3 1.96 3.7 0.10 3.7 0.10 3.7 0.10	_	э» ; - ;	9.10
1.9 0.05 3.7 0.10 77.9 2.11 72.3 1.96 3.7 0.10 3.7 0.10 3.7 0.10		J. (0.12
3.7 0.10 77.9 2.11 5 72.3 1.96 8 8 1.26 8 8 1.26 8 8 1.21		ວໍເ	0.04
72.3 7.96 8 8 1.96 8 8 1.26 8 8 1.26 8 8 1.26 8 8 1.21 8 1	-	2	16.7
AUS SP. 1-36 S SINING SP. 11.26 S SINING SP. 11.26 S SINING SP. 11.26 SP. 11.26 SP. 11.26 SP. 11.21 SP. 11	•	n · / 7	6.35
DISCUS SP. 415.5 11.26 0STENFELDI 3.7 0.10 SP. 44.5 1.21 ULNA	202	103.9	8.92
3.7 0.10 SY SP. 44.5 1.21 SY ULNA 3.7 0.10 SY	TEPHANODISCUS TEA	7.1	0.12
Δt. 44.5 1.21 SY ULNA 3.7 0.10 SY		•	0.16
3.7 0.10 SY		19.0	•
OF E	YNEDRA ULN	2.3	0.20
IA FENESTRATA 287.5 7.79 TA	ABELLARIA PENESTRATA	189.3	16.24
STELIA ECTRYCILES 7.4 0.20			
		TOTAL 1165.6	100.0
TOTAL 3689.6 100.0	•)

02	PERCENT	1.32	7,33	0.20	0.41	4.28	2.04	2.04	0.41	2.65	0.61	7.44	10.39	2.44	19.14	0.20		1.43	0.61	7.7	0.2.0	- 0 0 0	•	100.0		.79	PERCENT	•	1.12					13, 10	0.09	0.84	4.55	2.97	200	12.64	1.58	1.95	1.02	9.29	5.95	60.0	16.54	0.28	0.00
DIVERSITY = 3.02	CEII3/NL	11.6		2.3	9.4	49.7	23.2	23.2	9.4	30.1	7.0	27.8	118.3	27.8	218.0	2.3	9.7	16.2	7.0	25.5				1138.6		DIVERSITY = 3.79	CELLS/BL	!	27.8		192.5	, ,	13.0	327.0	2.3	20.9	113.6	74.2	32.0	115.4	39.4	48.7	2	231.9	7.8.4	2.3	412.8	7.0	7435.2
DIVE																								TOTAL		DIVE																							TOTAL
NC. OF FCGM3 = 23		FCDESMUS SE.	2 5	AND UNIONOUS	60 LONG 10 LON	o v	NUE V. ELONGATUR	DINCH DIVERSENS	,	CROTONENSIS	FRACTLASTA INTERMEDIA	O. C.	ds.		Sp.	e.	5P.	IA GRACILIS	S SP.	SCUS SP.	ANGUSTA		ELLARIA FENESTRATA			NO. OF FCBRS = 24			ANKISTFODESMUS SP.	LA FCAMOSA	MAS SP.	. SP .	K 500.	OCELLATA	8 T S A C) ; • • •	FRAGILARIA CROTONENSIS		INTERMEDIA V. FALLAK	S. 6	0 3F.	3.43.44.4	ACICULARIS	. sp.	IIA SP.	SCENEDESMUS QUALRICAUDA	Ę		
SPC.5-1		ANKISTECDE	NAME TO THE	CHINAL CONON BS	10445 COULT	S SECTION AS SP	DIATORA TEL	DINCHERON	FI AGELLATE	FRAGILASIA	FRAGILASIA	RO TAT CON 11 10	GLOFOCYSTI	MELCOLEGE SP.	OCHRONCIAS	OOCYSTIS SP.	PEFIDINIUM SP	RHIZOSCLENIA	SCENEDISMUS SP	STEPHANCDISCUS SP.	SUBIRELLA	STNFDRA SP.	TAPELLARIA			Spc 7-4			ANKISTRODE	ASTERICNEL	CHIA EYPOMONAS SP	CLCSTERIUM SP.	CRYPTO CONAS SP	CYCLOTELLA OCELLATA	LICECIEER	DINCHRYCH	FRAGILARIA	FPAGILAKIA	FRAGILARIA	GLENODINIUM	SECENTAL SERVICES	MELOSIEN AD.	NITZSCHIA		RHIZOSCLENIA	SCENEDESMO	SCENEDESHUS SE	STEPHA NODISCUS	
		,	0		PERCENT		0.39	0.03	0.03	2.15	0.64	23.74	0.03	0.03	0.03	0.24	0.03	0.03	1.39	80.0	0.0	0.0	0.0	0.76	1.73	1.49	4 t	0.0	2.15	4.52	90.0	2.52	1.64	0.39	200	200	4.21	1.97	0.12	5.06	0.15	900	50.0	1,12	90.0	32.05		100.0	
			VENSLII = 3.		CELLS/ML		0.9	0.5	0.5	32.9	9.7	363,3	0.5	0.5	0.5	3.7	0.5	0.5	21.3	20° 0			, r	11.6	26.4	22.7	76.6		32.9	69.1	0.9	38.5	25.1	# ·	= ·		5.49	30.2	1.9	77.5	2.3	ອາ : ເບົ•	- c	17.2	6.0	4.064		1530.3	
			10				S																																									TOTAL	
			NO. OF FCRES # 44					ANKISTRODESYUS GELIFACTUS		ASTERION SELA FORMOSA	DIOE -GEFEN UNKNOWN PITABLE	CHLARY DONONAS SP.	CHECOCCCES SP.	CLCSTEFIOPSIS LONGISSINA	CLESTEELUM ACIPCULARE	STRUM SP.	RIOM SP.	CRUCIGENIA SI.	DECHAS SP.	CYCLOTELLA OCELLAIA	IELLA SP.	CYMATOFLEURA SOLZA	THE CONTRACT OF THE CONTRACT O	TA TERES V. FEDERALOR	LIATES	FRAGILAFIA CAPUCINA	ROTONENSIS	LANTA LIVIEREDIA V. PALLAA.	CIENCELLE FERNING CONTRACTOR	GLCFOCKSTIS SP.	GREEN COLCHY, UNKNOWN	MELOSIFA ISLANDICA	IFA ITALICA		CHIA SP.	NIIZSCHIA SP. #2	OFFICE OFFICE OFF	Office of the state of the stat	STEPHANODISCUS BINDERN NUS	STEPHANCDISCUS SP.	ANODISCUS TRANSILVANICUS		RA FILIFORMIS		2	STREET FERESTRAIN			
			N DC 7-5				ANKIST	ANKISI	ANKIST	ASTERI	5-3010	CHLARY	CHECOC	CLCSTR	CLCSIE	COELASTRUM	CCSMAR	CAUCIG	CAYPTO	CYCLOT	CYCLCIELLA	CYMATO	DIATOR	BOIVIO	FLAGEL	FRAGIL	FRAGIL	FRAGIL	GIFNOD	01.01.0	GPEEN	MELOSI	ISOIE	NITZSC	NITESCHIA)SZLIK	OFFICE	DATE OF STREET	STEPHA	STEPHA	STEPHA	1 CAN E	SYNEDRA	SYNEDI	STARLERA	TARELL			

DC-1 NO. OF FORES =	18	DIVERSITY = 3.	3.26	DC-2 NO. OF PORMS = 35	DIVERSITY .	97.
		CELLS/AL	PRKCENT		TR/STT30	'NE PERCENT
ANABAENA SP.		5.1	3.19	AMEHIFIEURA PELLUCIDA	· •	5 0.13
AMKISTRODESMUS SP.		٥ د د	85.0	NAUAENA SP.		
		2.2		S P. #3		
FLAGELLATES		9.7	2.90		0	
FRAGILAGIA CAPUCINA		21.8	13.62	CHLAMYDOMONAS SP.	•	
FRAGILARIA CROTONENSIS		6.6	5.80	ួ	•	
FRAGILARIA INTERNEDIA		36.7	22.90	COSMARIUM SP.	0	
GLENODINIUM SP.		9.3	5.80	CRYPTOMONAS SP.		
KIRCHNERIELLA SP.		0.5	0.29	CYCLOTELLA MICHIGANIANA	0	
MELOSIRA SP.		0.5	0.29	CYCLOTELLA SP.	- (
NITZSCHIA SP.		6.0	0.58	CYCLOTELLA STELLIGERA		
OEDOGONIUM SP.		2.3	1.45	DIATOMA TENUE V. ELONGATUM	0	
OOCYSTIS SP.		2.8	1.74	DINOBRYON DIVERGENS	.	
SCENEDES OF		÷ (0.87	DINOBRYON SOCIALE	7 -	
STEPHANDLSCUS SP.			, 80 , 80	DINOF LAGELLATES	•	
POPULATION STREET		7.7	0.70	ひこんしじょ ひい・ひょう ひょうけん カー・カー・カー・カー・カー・カー・カー・カー・カー・カー・カー・カー・カー・カ	96.	
		•	•	FRAGILARIA CAPUCINA	28.	
	TOTAL	160.1	100.0	FRAGILARIA CROTONENSIS	15.	
			;	FRAGILARIA INTERMEDIA	0	
				GLENODINIUM SP.	7.(
		***************************************		LOENCYSTIS SP.	47.	
DC-3 NO. OF FORDS #	97	DIVERSITI = 3.18	91.		<i>c</i> .	
		CBLLS/NL	PERCENT	KIRCHNERIELLA SP.	. C	
				ANTICOLN UNION	9 3	
AMPHIPLEURA PELLUCIDA		3 (1.04	NITSSCHIA PALEACEA	0	
ANABAENA SP.		. 5	98 *		-	
A NKINTRODESMUS SW. #W		- 0	•	OOCYSTIS SP.	39.	
AUTERIORELLA FORMOVA		A =	5 ° °	-	•9	
		• 6	• •		•	
おきずたませい しょうしょうじょうしょうしょうしょうしょうしょうしょう おしませいしょうしょうしょうしょうしょうしょうしょしゃしょうしゃしょうしょう		n a	•		•	
CYCLOTELLA SP.			0.35	STEPHANODISCUS MINUTUS	-	
CTCLOTELLA STELLIGERA		4.2	` -	TABELLARIA PERESTRATA	.60r	30.40
S		6.0	69.0		. 036 7:808	0 001
DINOBRYON SOCIALE		1.9	1.39		TOTAL 330.	
DINOFLAGELLATES		4.6	1.04			
FLAGELIATES		30.2	22.57			
GLENOLINI UM SP.		æ •	9.0			
GLOEUCISTIS PLANKTURICA		٠. د. د.	25.7			
COMPANDED AND AND AND AND AND AND AND AND AND AN		2 0				
CONTROL FILTER SECTION			3.0			
NITZSCHIA CONFINIS		0.0	0.35			
NITZSCHIA PALEA		1.9	۳.			
NITSSCHIA PALEACEA		6.0	9			
COCYSTIS SP.		ω.	ဖ္၊			
SPHARROCYSTIS SP.			52.0			
TABELLARIA PENESTRATA		2.3				
TETRAEDRON MINIMUN		6.0	69.0			
	TOTAL	TAL 133.6	100.0			

DC-4 NO. OF FORES = 20	DIA	DIVERSITY = 3.	3, 32	DC-5 NO. OF FORMS # 2	_	DIVERSITY = 2.96	96
		CELLS/HL	PERCERT			CELLS/RL	PERCENT
		8,6	~			0.9	₹.
Š			7	ANKISTRODESHUS SP. #3		0.0	₹.
œ		2,3	3.60	ANKISTRODESHUS SP. #5		o.	0.21
CYCLOTELLA COMTA		0.5	1	ASTERIONELLA PORMOSA		1,9	0.85
		0.9	₹.	CERATION HIRONDINELLA		6.0	0.42
CYCLOTELLA OCELLATA		0.5	۲.	CHLAMY COMONAS SP.		3.2	87.
CYCLOTELLA SP.		4.2	7	COSMARIUM SP.		- 1	0.64
		2.3	9	CYCLOTELLA MICHIGANIANA		3.7	1.69
PLAGELLATES		5.6	9	CYCLOTELLA SP.		.	19.0
PRAGILARIA CROTONENSIS		10.7	S	CYCLOTELLA STELLIGERA		20.4	9.32
GLENODINIUM SP.		3.7	۲.	DINOBRYON DIVERGENS		3.2	8 7
		0.9	ູ	DINCFLAGELLATES		3.7	1.69
Z.		6.0	3	FLAGELLATES		67.7	30.93
GREEN SOLITARY, UNKNOWN		0,5	۲.	FRAGILARIA CROTONENSIS		12.1	5.51
		1,5	-	GLENODINIUM SP.		4.2	1.91
SCENEDESMUS SP.		0,5		GLOEOCYSTIS SP.		58.9	26.91
STEPHANODISCUS BINDERANDS		2.0		GORPHOSPHAERIA LACUSTRIS		0.0	0.42
		0.5	0.72	MALLOMONAS CAUDATA		0.5	0.21
		20.0	٥.	OOCYSTIS SP.		21.3	9.75
TETRAEGRON MINIMUM		0.5		TABELLARIA FENESTRATA		10.2	99.4
				TETRAEDBON MINIMUM		0.0	0.42
	TOTAL	64.5	100.0		-	219.0	0
						:	•
DC-6 NO. OF FORMS = 18		DIVERSITY = 2.	2,66	NDC.5-0 NO. OF PORIS .	23 DI	DIVERSITY = 3.	3.20
			}			CELLS/ML	PERCENT
		CELLS/NL	PERCENT				
		•	1	ANABAENA SP.		103.9	5.59
ANABARINA UN.		ۍ د د	0.52	ANKISTRODESMUS SP.		7.4	0.0
DRMOSA		7 4		CHARACIUM SP.		89.0	67.00
CRYPTORONAS SP.			0.50	CHLANYDOMONAS SP.		515.7	27.74
Ö		, c	0.06	CRYPTOMON AS SP.		ສ : ສ ເ	2.40
CICLOTELLA KUETZINGIANA		0.0	0.26	CYCLOTELLA SP.		7.8 *	60.7
		3.7	2.06	DINOBRION DIVERGRES		3. A	07.0
		2.3	1.29			267.1	14.37
~		44.5	24.74	TRACTIBELY INTERMEDIA		411.8	22.16
		9.4	2.58	GLENDDINIUM SP.		26.0	1.40
DINOBRYON SOCIALS		0.0	0.26	GLCEOCYSTIS SP.		33.4	1.80
DINCELAGE LEATEN		۲. د د د د	08.1	KIRCHNERIELLA SP.		3.7	0.20
THROELLATED TROPOSONS TO		2 t t	24.23	NITZSCHIA ACICULARIS		3.7	0.20
GLOEOCYSTIS SP.			, c	NITZSCHIA SP.		3.7	0.20
HALLOHCHAS SP.		6.0	0.52	NITZSCHIA SP. #2		 	00.0
OOCYSTIS SP.		6.0	0.52	OCHROBONAS SP.		, - - -	07.0
RHIZOSCLENIA ERIEUSIS		0.5	0.26			, ,	200
				SCENEDERSHOOTSTEE		48.2	2.59
	TOTAL	180.0	100.0	•		11.1	0.60
				SYNEDRA ULNA Tabellaria penestrata		7.4 133.6	0.40
						1000	•
					TOI	909	0.00

Z Z	N DC - 5-2	NO. OF PORMS = 25	DIVER	DIVERSITY = 3.7	.78	NDC 1-0	NO. OF FORMS = 30	DIVER	DIVERSITY = 3.43	£3
				CELLS/ML	PERCENT				CELLS/ML	PERCENT
	ANABAENA SP.			11.6	6.68	ANABABNA AD.				0,1,00
	ASTERICHELLA FORMOSA	RMOSA		6.0	0.53	ELLA	PORROSA		3.7	
	CERATIOM HIRUNDINELLA	INELLA		0.5	0.27	10	SP.		1,9	0.25
	COSMARIUM SP.	ij		0.0	0.53	COSHARIUM SP.				0.50
	CRYPTCHONAS SP.			6.0	0.53		e c		59.4	7.98
	CYCLOTELLA MICHIGANIANA	IGANIANA		4.	0.80	CICLOTELLA MIC	MICHIGANIANA			1.00
	CYCLOTELLA SP.			1.	0.80		STELLIGERA		3.7	0.50
	CYCLOTELLA STEL	STELLIGERA		3.7	2.14	Ω	DIVERGENS		1.9	0.25
	DINCBRYON DIVERGENS	GENS		7.0	4.01	DINOFLAGELLATES	S		5.6	0.75
	DINCBRYON SOCIALE	LE		1. 9	1.07	FLAGELLATES			163.2	21,95
	DINOFLAGELLATES			1.	0.80	FRAGILARIA CRO	CROTONENSIS		11.1	1.50
	FLAGELIATES				8.56	Σ	• Gu		35.2	4.74
		CINA			10.70	GLOEOCYSTIS SP.	•		139.1	18,70
				۳°	5,35	GLCEOTHECE SP.			1.9	0.25
	GLCEOCYSTIS SP.			20.9	12.03	LA	I, UNKNOWN		9.3	1.25
	G	AIA			0.80	MELOSIRA GRANULATA	~		14.8	2.00
70		LARIS			0.27				1.9	0,25
)				2°5	1.87	>	DULA V. ROSTELATA		1.9	0.25
				7.9	4.55		ACICULARIS		3.7	0.50
	OUCTSIIS SP.			18.1	10.43		CONFINIS		1.9	0.25
	PERIDINIUM SP.			4.2	2.41	NITZSCHIA PALEA	EA		9.3	1.25
	SCENEDESHUS QUADRICAUDA	DRICAUDA		5.6	3.21	NITZSCHIA SP.			6.3	1.25
	STEPHANODISCUS SP.	SP.		1.9	1.07	OOCYSTIS SP.			35.2	4.74
		STRATA		34.8	20.05		BICELLULARIS		3.7	0.50
	TETRAEDRON MINIMUM			6.0	0.53	SCENEDESMUS OF	QUADRICAUDA		18.5	2.49
					•	STEPHANODISCUS	SALPINUS		1.9	0.25
			TOTAL	1/3.5	100.0	STEPHANODISCUS			3.7	0.50
						STEPHANODISCUS	MINUTUS		1.9	0.25
						TEPHANODI	SUBTI		÷	0.25
						TABELLARIA FEN	FENESTRATA		33.4	64.4
								TOTAL	743.9	100.0

NDC 1-1 NO. OF PORMS = 3	•	DIVERSITY = 3.53	53	NDC 1-2	NO. OF TORMS = 26	DIVERSITY =	ry = 2.9	-
		CELLS/HL	PERCENT			CEI	CELLS/ML	PERCENT
ANABARNA SP. Aphanotherr sp.		4.1.8	9.10	AMEHIPLEURA PELLUCIDA ANABARNA SP.	LUCIDA	•	2.0	0.38 8.43
COSHARIUM SP.		0.0	: -:	CHLARYDOMONAS SP				0.38
CRYPICHONAS SP.		11.1	2.43	COLLASTRUM MICROPORUM	OPORUM		0.5	0.38
CYCLOTELLA CRYPTICA		S 0	•	CRYPTOKONAS SP.	2 2 4		= = 	21.1
		o.s	٠. ۱	CYCLOTELLA GICHIGANIANA	TOWNTANA		- c	- c
CICLUIELEA MICHIGANIANA		- c	9.0	CICLOLATA OCCUPATA ON PROPERTY OF THE PROPERTY	# 16 4 C			. m
		, c	- 6	FLAGELLATES	3		3.7	3.07
DINCPLAGELLATES		2.0	1.21	FRAGILARIA INTERMEDIA	RMEDIA		3.7	3.07
EUGLENA SP.		0.5	0, 10	GLENODINIUM SP.			4.2	3.45
		19.0	4.15	GLOEOCYSTIS SP.			0.0	5.75
		97.4	21.23	GREEN FILAMENT, UNKNOW	E MONKACI		٠,٠ د د	76°-
ALCACTURATA CROTORECTA		- a	3.94	NITZSCHIM BACATA				
GLEWODINI ON SP.		12.2	3.13	NITZSCHIA PALEA	•		. 5	0.38
GLCEOCYSTIS SP.		43.6	9.50	NITZSCHIA SP.			1.4	1.15
GCMPHOSPHAERIA APONINA		0.5	0.10	PERIDINIUM SP.			2.8	2.30
GREEN FILAMENT, UNKNOWN		1.9	0.40	RHIZOSCLENIA ERIENSIS	TENSIS		٠ د د	9,00
SHECKLE A GRANGLATA		۲•۶		SCENEDESMIS CUADRICAUDA	IDRICAUDA		, c	
MILESCELL ACICOLANIS		, r	30	SCHOOLSON ST.	SUNTAGENTA		0.0	800
		6.0	0.20	STEPHANODISCUS	SP.		=	1.15
		6.0	0.20	STEPHANODISCUS	Ξ		ċ	0.77
		0.5	0.10	TABELLARIA PENE	STRATA	•	63.1	52.11
NITZSCHIA PALEA		9.0	1.21	TETRABDRON MINIMUM			o.	0.11
NITZSCHIA SP. #1		7.7	7.70			TOTAL 12	121.1	100.0
SP.		36.7	7.99					
PERIDINIUM SP.		0°0	0.10	MDC 2-0	NO. OF PORMS = 19	DIVERSIT	DIVERSITY = 2.75	10
SCENEDESMUS FALCATUS		1.9	0.40			į		
SCENEDESMUS QUADRICAUDA		, c	0.61				CELLS/AL	PERCENT
Protocers off of the protocers				ANABBENE SD		•	54.7	7.82
		 	0.40	ASTERICHELLA FORMOSA	DREOSA	•	3.7	0.53
		3.2	0.71	CHIAMYDCHONAS SP.	• 6.	13	38.1	19.76
STEPHANODISCUS TENUIS		1.4	0.30	CRYPTOMONAS SP.			4.6	99.0
		115.5	25.18	DINCBRYON SP.			6.9	1.33
TETRABERON MINIMUM		0.5	0.10		CINA		٦,1	12.47
	1404	0 854	0 001	FRAGILARIA CACIO	CACTORENSIS	24	7.7	35.01
			•	FRAGILARIA SP.		I	0.0	0.13
				GLENODINIUM SP.			9,3	1,33
				GLOEOCYSTIS SP.	9	•	13.9 0.0	1.99
					•		. 6.	0.27
				OOCYSTIS SP.			6.0	0.13
				SCENEDESMUS SP.	, dS	•	9.0	5.43
				SUBIRELLA ANGUSTA	TA	,	6.0	0.13
				TABELLARIA PENESTR	PENESTRATA	~	85.3	12.20
					e 0 e .		٠,	?

3.31	PERCENT	15.00	0.83	0.83	2.50	1.67	0.83	11.67	7.50	2 6		2.20		7.0.		71.4	13.33	0.83	0.83	1.67	29.17	1.67		100.0			2.67	L PERCENT	5.10 27.55 35.72 35.72 4.02 1.02 1.02 8.06
DIVERSITY = 3	CELLS/ML	7.8	0.5	0.5	7.	0.0	0.5	6.5	4.2		•	• 0		o (o. 0	2.3	7.4	0.0	0.5	0.0	16.2	0.0		55.7			DIVERSITY = ;	CELLS/ML	000000 0000000000000000000000000000000
DIVE																								TOTAL			DIVE		
NO. OF FORMS = 20		ANABAENA SP.	UM HIRUNDINELLA	IRUM MICROPORUM	MONAS SP.	ELLA SP.	VIO				,		S.P.	-			HIA SP.	NIUM SP.	CENEDESMUS SP.	STEPHANODISCUS SP.	ARIA FENESTRATA	ERON MINIMUM					NO. OF PORMS = 13		ANABAENA SP. ASTERICNELIA FORMOSA CERATIUM SP. CHLAMYCOMONAS SP. DINOBRYCN SP. FRAGILARIA CROTONENSIS FRANCEIA SP. GLENODINIUM SP. OCCYSTIS SP. OCCYSTIS SP. TREPHANODISCUS SP. TABELLARIA FENESTRATA
N DC 2-3		ANABAEN	CERATI	COELAST	CRYPTO	CYCLOTELLA	TACHE		T LAGE LEAST AND TA	FRAGILL	FRAGLLARLA	GLENODINIUM	GICEOCISTIS	GREEN	NITZSCHIA	NITZSCHIA	NITZSCHIA	PERIDINIUM	SCENED	STEPHA	TABELLABIA	TETRABERON					N DC 4-0		ANABAENA SP. ASTERICNELLI CERATIUM SP. CHLAMYDOMON DINOBRYON SI FRAGILARIA G FRANCEIA SP. GLENODINIUM ODDOGONIUM ODDOGONIUM STEPHANODIS. TABELLARIA
0.	PERCENT	3,05	2,10	7.5		2 6		0.19	6.68	1.72	34.92	8.02	4.77	0.19	2.86	0.95	36.0	0.10	90.0		0	8.97	0.19	15.08	0.38	100.0			
DIVERSITY = 3.20	CELLS/ML	7.4	. u		÷		o •	0.5	16.2	4.2	84.9	19.5	11.6	0.5	7.0	2.3		, c		, .	- c	21.8		36.7	6.0	243.1			
DIVE																										TOTAL			
C 2-1 NO. OF FORMS = 23				ANKIST HODESHUS SK.		CHIAMYDOMONAS SP.	CYCLOTELLA OCELLATA	CYRATOFLEURA SOLEA	DINOBRYON SP.	F1.AGE1.1ATES	ANTOHOLD AT AN IT DE CAR	STSNENOHORD STREET	TERCHIDENTS CHOICEDING	CONCILANTA IN LENGELLA	TORGETTE SEE	GENUDIALUM SP.		KIRCHNERIELLA DF.	HELOSI RA SP.	NITZSCHIA SP.	OEDOGONIUM SP.	_	STEPHANOUISCUS SF.	SYNEDRA SP.	TETRALISON HINIMUM				

45.5

TOTAL

NDC

				NDC 4-3	NO. OF FORMS = 20	DIVE	DIVERSITY = 2.38	89
NDC 4-1 NO. OF PORMS = 44	DIAE	DIVERSITY = 3.67					CELLS/ML	PERCENT
		CELLS/ML	PERCENT	ANABAENA SP.			1.4	0.45
		5.0	0.17	A STERICUELLA PORHOSA	ORMOSA		12.1	3.92
-		5.1	1.85	CEPATION HIROTORIA	OT A E LLA) m	0.75
ASTERICHELLA PORMOSA		7.4	0.51	COSMARIUM SP.	•			0.15
BLUE-GREEN UNKNOWN COLONY		٠ • •	0.17	CRYPTOHONAS SP.	•		13.5	4.37
CHLAMTOCKONAS SP.		. n	7.0	CYCLOTELLA CONTA	TA		٠ و و	0.15
CRYPTOROZAS SP.		, u		CYCIOTELLA COM	COMTA V. BODANICA			0.15
CICLOIELLA REMEGRIALANA				CYCLOTELLA MICHIGANIANA	HIGANIANA		7.4	2.41
				CYCLOTELLA SP.			11.6	3.77
CIERLONEE OCHEN			0.17	DIATONA TENUS V. ELONGATUR	V. ELONGATUR		, c	0.00
DINOBRYON DIVERGENS		0.5	0.17	DINOBRION DIVERGENS	RGENS		57.1	20.41
FLAGELLATES		8.8	3.20	FLACELLAILE FRACTIBRIE CROJONENSI	STUNENCE		165.2	53.70
FRAGILARIA CAPUCINA		46.4	16.84	GLENODINIUM SP.			6.0	0.30
PRAGILARIA CROTONENSIS		4.99	24.07	GLOEOCYSTIS SP.			10.7	3.47
TRACILATIA INTERSECTA		* O 7	00.0	EALLCHCNAS SP.			7.0	2.26
CANCILARIA ON.			1.0	PERIDINIUM SP.				0. 2.
GLCEOCYSTIS SP.		7.0	2.53	RHIZOSCLENIA ERIENSIS	RIENSIS		2.6	0.00
GREEN FILAMENT, UNKNOWN		0.0	0.34	SCENEDESHOS SP			:	3
GREEN SOLITARY, UNKNOWE		0.5	0.17			TOTAL	307.6	100.0
MELOSIFA GRANULATA		9:	1.68					
MELOSIRA ISLANDICA			71.0	N DC 4-4	NO. OF FORMS = 11	DIVE	DIVERSITI = 2.18	60
		3.2	1.18					
BACATA		0.0	0.34				CELLS/RU	PERCENT
NITZSCHIA CONFINIS		1.	0.51		925-60-60		u	,,
NITZSCHIA PALEA		. .	0.67	A EXTENSION OF THE SECOND SECO	SP.) ii	0.21
NITZSCHIA RECIA		o =		ASTERICNELLA F	ORMOSA		9.4	2.10
DEBIDINI SP			0.67	CERATION SP.			2.3	1.05
PERTURNING OF PERENCE			0.17	CHIAMIDOMCNAS	SP.		70.5	31.87
		0.5	0.17	CYCLOTELLA SP.			6.0	0.42
SPCRES		0.5	0.17	DINOBRION SP.			69.6	31.45
0.3		3.2	1.18	PRECIENTA CROTORENTS	TORKSOLU BURBUTA		26.9	30.16
STEPHANDDISCUS ASTRAEA			0.17	SCENEDESMUS SP.	V 177		0,0	0.21
STEPHANODISCUS MINUTUS		7 F	3.37	STEPHANODISCUS S	SP.		0.5	0.21
STEPHANODISCUS TENUIS		1.9	0.67				,	
		0.5	0.17			TOTAL	221.3	100.0
SYNEDRA OSTENFELDII		o •	0.17					
SYNEDRA SP.		0°0 7°0	7 8 0	MDC 7-1	NO. OF PORMS = 7	DIVE	DIVERSITI = 2.16	16
SIGNA CESA SIRRETI BOTE BOURATIONS		1 1 1 1	16.50					
TETRECEROR MINIMUM		0.5	0.17				CELLS/RL	PERCENT
	TOTAL	275.6	100.0	ANABAENA SP.	;		12.1	25.49
				CHLAMYDOMONAS	SP ,		20.0	43. 14 5. 88
				DIATOMA TENUE	V. ELONGATUM		1.9	3.92
				DINOBRYON SP.			1.9	3.92
				GLENODINIUM SP	•		, c	15.69
							•	2

NDC 7-3 NO. OF PORMS = 32	DIA	DIVERSITY = 2.79	79	SDC. 5-2 NO. (OF FORMS = 18	DIVE	DIVERSITY = 2.59	6
		CELLS/AL	PERCENT				CELLS/RL	PERCENT
ANADAENA SP.		44.5	5.21					ì
0		ં	0.11	ANABACHA SP.			7.0	5.25
ANKISTRODESHUS FALCATUS		1.9	0.22	ANALUTRODESSOS SP.			- 0	36
CHLANY COMONAS SP.		6.0	_	CHEAT LEGICIANS ST.				10.0
CRYPTORONAS SP.		3.7	3	AND TO TO THE TANK OF THE TANK			20.0	9.82
CYCLOTELLA MENEGHINIANA		6.0	0.11	FRAGILARIA CAPUCINA			3.2	1.60
CYCLOTELLA SP.		6.0	0.1	FRAGILARIA CROTONENS	IS		11.6	5.71
CYCLOTELLA STELLIGERA		6.5	0.76	FRAGILARIA INTERMEDII			1.9	0.91
DINCERION DIVERGENS		5.8	0.33	PEANCEIA SP.			0.5	0.23
BASSELATES		,,,		GLENODINIUM SP.			15.3	7.53
			n	GLOFOCYSTIS SP.			6.0	9 7 0
		7.00.	7.49	KIRCHNENIELLA SP.			2.8	1.37
A NACL LANE A COLORENO LO		•		OEDOGONIUM SP.			0.9	9 7 0
STUDENT OF STREET		327.6	38.32	QUADRIGULA LACUSTRIS			0.5	0.23
SECSMENT FRANKE SELECT		2.2) C	SCENEDESMUS SP.			2.3	1.14
NAVICULA SP.				OBASTEUM SPIN			٠° د د	0.23
NITZSCHIA COMFINIS		2.8	0.33	STEPHANODISCUS SP.			5.1	2.51
MITZSCHIA DISSIPATA		9.6	0.22	TABELLABIA FENESTRATI	~		104.4	51.37
NITZSCEIA INSECTA		6.0	0.11				•	
NITZSCHIA PALEA		6.	0.22			TOTAL	203.2	100.0
_		3.7	0.43					
Oncystis sp.		92.6	11.18					
QUADRIGULA LACOSTRIS		3.7	0.43					
SCENEDESHUS BICELLULARIS		1.9	0.22	SDC 1-0 NO.	OF PORMS = 25	DIVE	DIVERSITY = 3.22	7
SCENEDESHOS PALCATUS		7.4	0.87					
		6.6	0.22				CELLS/ML	PERCENT
= (2.8	0.33				,	
STEPHANODISCUS SP.		•	* ° °	ANABARAA SP.			96.0	13.84
SIEPRANOLISCUS SUBILLIS			22.0	CRIPTORON AS SP.			2.4	77.0
SANCELERAL FUNESLANDS		• •	60.00	CICLUIELLA SF.			n o	•
		•	•	STRUCKLEURA SOLFA				2.0
	11404	7 920		DINCESSOR DIVERSES			, a	9 6
	74101	•	•					
				FRAGILARIA CAPUCINA			252.3	17.75
MDC 7-5 NO. OF PORMS = 42		ATWBECTHY - 2 24	;	TERROLLERIA CROSCORRES	51		9,70	99.9
		. ITTCV	7		2		50.1	3.52
		CELLS/ML	PERCENT	GLOEOCYSTIS SP.			144.7	10.18
		•		GREEN FILAMENT, UNKNOWN	M 30		3.7	0.26
ANGRES OF		0.5	٠,	MELOSIRA GRANULATA			3.7	0.26
24.0		0.5	0.60	NITZSCHIA PALEA			13.0	0.91
Cara de la Colorada de la Cara de		39.9	51.43	NITZSCHIA SP.			3.7	0.26
		2.3	2.99	OOCYSTIS SP.			35.2	2.48
かりには、これに、これに、これには、これには、これには、これには、これには、これには		12.2	15.68	PECIASIRUM SP.			r	2.0
CONTRACT COLORDINA		12.1	15.55	SCENED ESMUS QUADRICAUDA	Van		† • • •	0.52
CLENTILL OF SE		ດໍດ	09.0		Sp		6.	0.13
		3.2	4.19		EA		1.9	0.13
0		o .	1.19		SCHII		٠, ٥	0.13
TABLILEDIA PERKATANA		.	86.0	TONIA	s .		÷ (0.52
TETRAEDRON MINIMUM		0 0	0.0	TONE TENOT	o =		2.1 4F	20.00
		•	•••	TETRAPORN MINIMUM	•		: ::	0.13
	TOTAL	77.6	100.0					
						TOTAL	1420.9	100.0

SDC 1-1 NO. OF FORMS	= 25	DIVE	DIVERSITY = 3.40	0 1	SDC 1-2	NO. OF PORMS = 23	DIVERSITY =	3.30	
			CELLS/HL	PERCENT			CELIS/HL	HL PERCENT	
ANBAENA SP. ANKISTFODESMUS SP. #2 CERATIUN HIRUNDINELLA CRYLOCHELA SP. CYCLCTELLA MICHIGERA DINCERTILA MICHIGERA DINCERTON DIVERGENS DINCERTANS DINCELLATES FAGELLATES GLECOCTOTIS SP. GREEN FILAMENT, UNKNOWN HEYDDRIUM SP. KELOSTAN GONFINIS NITSSCHIA SP. RIZSCHIA SP. RIZSCHIA SP. RIZSCHIA SP. RIZSCHIA SP. RIZSCHIA SP. SELENASTRUK SP.			30,000,000,000,000,000,000,000,000,000,	00000000000000000000000000000000000000	AREHIFIED TRA PELLUCIDA ANADAENA SP. COELASTRUM HICROPORUM CRYPTCHONAS SP. CYCLOTELLA MICHIGANIANA CYCLOTELLA SP. CYCLOTELLA SOLEA DINOBRYON DIVERGENS DINOBRYON SOCIALE FRAGILARIA CROTONENSIS FRAGILARIA CROTONENSIS FRAGILARIA CROTONENSIS FRAGILARIA CROTONENSIS FRAGILARIA CHOTONENSIS FRAGILARIA CHOTONENSIS FRAGILARIA CHOTONENSIS FRAGILARIA CHOTONENSIS SP. GLCEOCYSTIS SP. STEPHANODISCUS ALPINOS STEPHANODISCUS SP.	A PELLUCIDA HICHOPORUH S SP. MICHIGANIANA SP. AA SOLEA AA SOLEA AA SOLEA TO T	04 04 04 04 04 04 04 04 04 04 04 04 04 0	0.10 1.96 1.96 1.96 1.96 23.97 23.97 2.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	
TABELLARIA PENESTRATA			109.5	0			TOTAL 236.2	100.0	
	Ĥ	TOTAL	369.3	100.0	SDC 2-0	NO. OF PORKS = 22	DIVERSITY =	3,22	
							CELLS/HL	HL PERCENT	
					AMPHORA SP. ANABAENA SP. CHLAMYCOMONAS SP. COELASTRUM MICROPORUM CRYPTCKONAS SP. DINOBRYON DIYERGENS DINOBRYON SOCIALE FLAGELLATES FRAGILARIA CROUCINA FRAGILARIA CROUCINA FRAGILARIA INTERNEDIA FRAGILARIA SP. CLENODINIUM SP. GLENODINIUM SP. GLENODINIUM SP. CLEOCYSTIS SP. KELOSIRA GRANULATA NITZSCHIA ANICA NITZSCHIA ANICA NITZSCHIA ANICA NITZSCHIA ANICA NITZSCHIA SP. OZEOGONIUM SP. OZEOGONIUM SP. STEPHANODISCUS SP.	P. AS SP. AS SP. AS SP. AS SP. SP. S SP. SP.	0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.12 0.37 17.85 17.85 16.88 16.88 17.89 17	

379.6

TOTAL

SDC 1-1

3.21	PERCEN	18.18		6.73		20.0				77.77	20.0	0.50	7	- 1	7.00	• .		* 0	7.07	30.0	19.33	00	•				į	4° 5	DEBORE		2.86	24.19	0.15	0.15	4.21	6.91	3.61	34.03	2.70	0.30	0.00	0.45	1.65	0.30	18.03
DIVERSITY = 3.	CELLS/ML	25.1	ۍ د د) o		2 0	, 0	, u	0.0	30°9	7.7		n :	÷ (2 0	n .		n o	7 0	ຳຕ	6.07	137 8	•				(DIVERSITI = 2	CELLS/ML		35.3	298.7	1.9	1.9	51.9	85.3		420.1	33.4	ж. 1.	٦.٠	 		3.7	9.777
DIVE																							707																						
FORMS = 20																											1	FORES = 10																	
NO. OF			ъ.	•		CAPUCINA	01035313	INTERBEDIA	_• 1	SP.		T UNKNOWN	ACICULARIS	EA.		Д	SALPINUS		S SP.		FENESTRATA						e c	30. OF				s sp.	SP.	.		CAPUCINA	CROTONENSIS	INTERMEDIA	SP.	• 1	. .	. S.	S		FENESTRATA
m		NABAENA SP.		CYCLOTELLA SP	GELLAIES			FRAGILARIA IN	٠.		GLOEOCYSTIS S	GREEN FILAMENT,	ZSCHIA ACI	ZSCHIA PAL	ZSCHIA SP.	NEDESHUS S	PHANODISCO	PHANODISCU	TEPHANODISCO	URA SP.	ELLARIA						(>			ANABAENA SP.	~	ຜ	~	DINOBRYON SP.		FRAGILARIA CI	FRAGILARIA IN	ENODINIUM	IZSCHIA SP.	OEDOGONIUM SP.	່ ທ	· ·		DELLAKIA FI
SDC 2-		ANA	CRY		rry	FRA	F 17 A	FRA	FRA	GLE	OTS	GRE	LIX	LIN	NIN	SCE	STE	STE	STE	F	TAB							3 DC 4			AN	CHI	CR	CYC	Id	FRI	E G	E E	GI.	H	OF	S S	ST	SK	TAI
9	PERCENT	10.42	0.12	0.25	0.86	0.12	2	0.12	0.12	0.12	0.12	64.0	0.86	0.98	0.12	16.79	11.40	7.35	1.35	5.02	10.78	1.10	0.25	1.23	6 # ° 0	0.25	0.12	0.10	10.0	64.0	1.23	0.61	0.25	0.12	0.25	0.12	•	0.37		100.0					
DIVERSITY = 3.65	CELLS/ML	39.4	0.5	6.0	3.2		7.4	0.5	0.5	0.5	0.5	1.9	3.2	3.7	0.5	63.6	43.2	27.8	5.1	19.0	8 · O †	4.2	6.0	9.7	د . ه .	0 0 0	ຸດ	200	2	. 6	9.4	2.3	0.9	0.5	6.0	0	78.0	7.		378.6					
DIVE																										·														TOTAL					
PORMS = 38																														•				S.											
NO. OF			S FALCATUS	ъ.	SP.	ATOMUS	KUETZINGIANA	MENEGHINIANA	MICHIGANIANA		STELLIGERA	SIS SP.	ERGENS	ES			CAPUCINA	CROTONENSIS	INTERMEDIA	SP.	SP.	IULATA	BACATA	HOLSATICA	.EA		•			CPRRATIS	SP	SULUNIUS SI	IS SP.	IS SUBTILIS	RABAE		FENESTRATA	MINIMOR							
2-1		ANABAENA SP.	KISTFCDESMU	ROOCCCUS	CRYPTOMONAS S		CYCLOTFLLA KU	CYCLOTELLA ME				DACTIL CCOCCOPSIS SP.	DINGBRYON DIVERGENS	NOFLAGELLAT	GLENA SP.	FLAGELLATES	FRAGILARIA CA			Œ		MELOSIFA GRANULATA			NITZSCHIA PALEA	TISCHIA SP.	OEDOGONIUM SP	CTSTIS SP.	PERIDINIUM SP.	TENEDEDE US	HARROCK STIL	EPHA NODISC	EPHANODISC	EP HA NODISC	SYNEDRA DEMERABAE	SYNEDRA SP.									
SDC 2		N.	A	CH	ວ	CX	CX	C	CX	CX	Č	DA	DI	IQ	ΕŪ	FL	H	E	FE	19	15	AE		II 76	N	N	Ö	ŏ :	בו ל	ัน ดั	Š	ິດ	เง	ั้น	S	S	Ĩ	E							

1234.4

DIVERSITY = 3.29	CELLS/ML PERCENT	•	2 - C - C - C - C - C - C - C - C - C -	Ċ	Ċ			•	• :	.	ທໍ	13.	⊐				<u>.</u>	<u> </u>	-	ŏ		103.5 100.0				DIVERSITY = 2.71	CELLS/HL PERCENT	24.1 10.92											2 4	•	100.0				
DI																						TOTAL				IG																10 T			
SDC 4-3 NO. OF PORMS = 17			ANABAENA SP.	ERATION	Π,	CRYPTORONAS SP.	CYCLOTELLA MENEGHINIANA	CYCLOTELL A MICHIGANIANA	STELLIG	DINOBRYON DIVERGENS	STITE AGELT ATTES		FLAGELLAIDS	CRUIOMENSE		GLOEOCYSTIS SP.		SCENEDESMUS QUADRICAUDA	ABELLARIA P							SDC 7-2 NO. OF FORMS = 12		ANABA ENA SP.	HIBMVDOM	DANCHOLDE SE	MINESCHALL DESCRIPTION OF THE PROPERTY OF THE	_	BOACHTANTA COCCORDENATA	FUNCTIONAL COLORDINAL	3 1	GLCEOCYSTIS SP.			TABELLARIA FENESTRATA	TETRAEDRON MINIMUM					
56	# X G G G G	resces r	18.22	0.31	0.15	2.30	0.17	0.15	2,45			15.0	1.23	1.38	45.64	0.15				50.				13.02	100.0			. 88		PERCENT		16.49	14.95	1.03	10.31	24.23	0.52	6.19	1.55	0.52	5.67	18.04	0.52	100.0) • •
DIVERSITY = 2.9		CELLS/AL	110.4	1.9	0.9	13.9	9.11	6.0	10.8		7.0	 	7.4	⊅• 8	276.5	6 0		• •	0 = 7		200		, a	78.9	0.909			DIVERSITY = 2.		CELLS/ML		59.4	53.8	3.7	37.1	87.2	1.9	22,3	5.6	1.9	20.4	6.49	1.9	359.9	•
DIVE																									TOTAL			DIV																TOTAL	4 1 2 1
LC H CMUCA GO ON FEE Jan			ANABAENA SP.	z		DINOBRYON DIVERGENS	DINOPLAGELLATES		# 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					GLENODINI DM SP.			-				-	PERIDIALOS OF.	SCENEDESSION FALCATON	TABELLARIA PENESTRATA				SDC 4-4 NO. OF FORMS = 12				ANABAENA SP.	CHLAMYDOMONAS SP.	CYCLOTELLA SP.	DINOBBYON SP.	FRAGILARIA CAPUCINA	PRACTIABLE CROTONENSIS	1	OEDOGONIUM SP.		STEPHANODISCUS SP.	PENE	TETRAEDRON MINIHUM		

82	PERCENT	18.18	•	•	1.3	•	•	•	•	•	•	•	100.0	30	PERCENT	12. 66	יר	> =		70.7	20.71	2.02	1.01	90 • 9	1.52	4.55	+ t	1.02	2.53	2.02	100.0
DIVERSITY = 2.82	CELLS/ML	•	*	•		•	٠,	•	•	•	3.7	•	T. 142.8	DIVERSITY = 3,30	CELLS/ML		•		•		76.1			22.3	•			•	n m		1. 367.3
Ω													TOTAL	A																	TOTAL
-														16																	
11														11																	
FORMS														FORMS																	
5							:	<				~		0.6									~							2	
		SP.	DESMUS SP.	TA CD OF	CRUCICENIA SP.		N 0.P.	TA INTERBEDI	IOM SP.	IZLLA SP.	MUS SP.	_		NO.		ç	0	ממ מ	ž g	J D	•		_	Ξ	å	IELLA SP.	AS SP.	א מ מ	NODISCUS SP.	SI	
		ANABAENA SP.	ANKISTRO		CKUCLGEN	4400044	DINGRESO	FRAGILAR	GLENODIN	KIRCHNER	SCENEDESMUS SP	TABELLAR		SDC 7-5		fr 2	ANADAENA UF.	A NALUT FOLDENGE CENTRATOR OF FEE		THECTUAL THE	DINOBRYO	FRAGILAR	FRAGILARIA	GLENODINIUM	GLOEOCYS	KIRCHNEFIELLA	OCHROMON	SCENED ESGUS	STEPHANO	TABELLAR	

TOTAL

TETRASTRUM STAUROGENIA EFORME

DC-4	NO. OF FORMS = 41	DIVERSITY	SITY = 2.90	0	DC-5 NO. OF FORMS = 34	DIVERSITY	ITY = 2.78	œ
		Ū	CELLS/NL	PERCENT		ΰ	CELLS/AL	PERCENT
			,		>		1,9	0.39
~	NABAENA SP.			1 0	いれいかいいか		14.8	3, 11
ď	APHANOCAPSA SP.		S .	200	3 (17	0.09
4	A STERIONELLA FORMOSA		42.7	3.29	FALLUR DIAC NINGERRA		210 5	45 97
C	DERATION HIRUNDINELLA		0.5	0.04	Ξ		7.0	
י נ			166.1	12.81	OELASTRUM SP.		0°2	0.0
) (6	0.75	COELOSPHAERIUM SP.		÷.	0.29
: ن	3 5 F.				RYPTCHONAS SP.		12.1	2.53
ပ			- c	•	A REMOUNT OF THE A		0.5	0.10
U			ر ، ٥	30.0	ACECIEFES CONTR V.		, c	
ပ	CYCLOTELLA KUETZINGIANA		7.0	0.54	CICLOTELEA NUBICIANA		9 0	
U	CYCLOTELLA MENEGHINIANA		6.0	0.07				
י ני	MICHIGANIAN		2.8	0.21			V .	
, (STELL TOERA		6.0	0.07	DIATOMA TENDE V. ELONGATUM		٠. د	2,
ے ر	=		6.0	0.07	DINOFLAGELLATES		9.0	1.17
3 6	000			0.14	FLAGELLATES		68.7	14.38
ء د	DINODELOS BITTORES		27.4	2.11	FRAGILARIA CROTONENSIS		13.9	2.92
- 1	JINOF LAGILLA LES		•	13.24	GLOBOCYSTIS SP.		15.3	3.21
41	FLAGELLATES			16.25	GREEN PILAMENT, UNKNOWN		0.5	0.10
2 4 (FRAGILARIA CROTONENSIS		•	3 6	MCNAS PSEUI		0.5	0.10
ت			•	- 0	MELOSIBA DISTANS		6.0	0.19
ၒ	GREEN FILAMENT, UNKNOWN		•	• • •	MELOSTRA GRANULATA		73.8	15.45
نع				70.00	MATORIES CRANILATA V. ANGUSTISSINA		1.9	0.39
x :	כז		•	22.22	•		0.5	0.10
z			•	3 6			6.0	0.19
Z			٠, د د	70.0			5.0	0, 10
Z	NITZSCHIA CONFINIS		6.	0.14) o	0.19
Æ.	NITZSCHIA DISSIPATA		0.5	0.04				0.10
z	IIISCHIA PALEA		6.0	70.0	OCCUPANT OF		16.2	3.40
~			٠. و .	0.14	COCITIES OF THE COCITIES OF TH		7.7	0.78
z	NITZSCHIA SP. #1		0°ء	0.0			. u	
	NITZSCHIA SP. #2			0.07	CTEPHANOLLOCO ALFLACO		1 4	0.79
J	OCTSIIS SP.		70.7	0.82	STEET TANCOLLS CONTRACTOR		ı,	1.17
σ	SCENEDESMUS FALCATUS		5.0	0.1	20010		0	0.39
U,	STEPHANODISCUS ALPINUS		8.7	7.0	Otto Control of the c			0.10
w	STEPHANODISCUS ASTRABA			÷ ;	BIDDE CTENTERNIA			1.36
	STEPHA NODISCUS HANTZSCHII		6 :	÷ :	DELLARIA FENESIS		;) !
v3	STEPHANODISCUS MINUTUS		7.4	0.57		1100	277.5	100.0
٠,	STEPHANODISCUS SP.		6.0	0.07		70197)	•
. ,	STEPHANODISCUS TENUIS		0.5	30.0				
a)	SURIRELLA ANGUSTA		o .	\ 0 · 0				
-,	SYNEDRA ACUS			300				
.	SYNEDRAULNA		1, C	11.74				
••	TABELLARIA FENESIRATA		7 .7 (•				
		TOTAL	1296.4	100.0				
		} ; •						

98	PERCENT	0.11	6.42	7.	٠	Ξ.	٦.	Ţ.		S.	0.11		~	2.21	• •	~ ^				_	• -		•	~~	- 1	٦.	.	₹.	۳.	φ.	Φ.	₹.	۲.	۲.	≠.	9	.2	•	0.33	- •	•	•
DIVERSITY = 3.08	CEILS/ML	3.7	215.2	14.8	63, 1	•	3.7	3.7	7.	18.5	3.7	7.4		74.2	ים דיים דיים	363.6	0 0 0 0 7 4	9			, r	7.5	8	11.1	8 · †	3.7	4.8	æ	44.5	ď	•	148.4	70.5	•	14.8	22.3	7.4	m,	11.1	7	•	122.4
NO. OF PORMS = 41		OVALIS			CCUS SP.	SP.	SP	NS		KUETZ	MENEGHINIAN	LLA SP.	Æ.		PIA CAPUCINA	RIA CROTONENS IS		A GRANULATA		IA ACICULARIS	ا ج	IA CONFINIS	IA PALEA	IN SP.	S SP.	RUM DUPLEX	SMUS QUADRICAUDA	SMUS SP.	ODISCUS ALPINUS	ODISCUS ASTRABA	ODISCUS BINDERANUS	HANTZSCHI	ODISCUS MINUTUS	odiscus sp.	20	STEPHANODISCUS TENUIS		A V. FOSSI	ISS		E E	RIA FENESTRATA
NDC.5-0		AMPHORA	SIERI	BLUE-GREEN	CHROOCOCC	COCCONEIS		CRYPTOMONA	CYCLOTELLA	CYCLOTELLA	CYCLOTELLA	CYCLOTELLA	DINOFLAGELLA	FLAGELLATES	FRAGILA	FRAGILA	GLOFOCY	RELCSIF	NA VIC UI	NITZSCH	NITZSCH	NITZSCH	NITZSCH	NITSSCH	OOCYSTI	PEDIAST	SCENEDE	SCFNEDE	STEPHAN	STEPHAN	STEPHAN	STEPHAN	STEPHAN	STEPHAN	STEPHAN	STEPHAN	SYNEDRA	SYNEDRA	SYNEDRA	SYNEDRA	TNEDR	TABELLA
16	PERCENT	0.24	0.18	1.12	90.0	0.41	58.73	0.18	2.19	0.12	0.12	3.20	90.0	0.36	90.0	2 2	10.0	7.0		* ~	† * C C		5.21	90.0	•	1.07	•		100.0													
DIVERSITY = 2.16	CELLS/ML	1.9	1.4	8.8	0.5	3.2	460.3	J. C										46.7				-		_		a .			783.7													
DIVE																													TOTAL													
NO. OF FORMS = 26		NABAENA SP.	PANOCAPSA SP.	ASTERICNELLA FORMOSA	SRATIUM HIRUNDINELLA	CHLAMYDOMONAS SP.	CHROOCCCCUS LIMNETICUS	CHROOCOCCUS SP.	COELOS PHA FRIUM COLLINSII	COSMARIUM SP.	CRUCIGENIA QUALRATA	S. S.P.			CICLUI FLLA BICHIGANIANA	CICLOTELLA STELLIGERA	DINOFLAGDERALES	FLANCELLAIES EDACTIADIA CEDEDANO IN	FREELFREIS CROIOMENDID	CECCIVILL OF		MELOSIFA GRANOLAFA	OOCTSIIS SP.	PPHANODISCUS SP.	SYNEDRA ULNA	TABELLARIA FENESTRATA	STRAEDRON MINIMUR															
DC-6		A	K	~	Ü	ົບ	Ü	ບັ	ú	ũ	Ü	ບັ	U	υi	; ر	ءُ ر	a é	Ļ	4 (<u>ة</u> و	E 3	E	ŏ	io.	S	F	H															

1932.1

	CEILS/RI	PERCENT			
ACHNANTHES CLEVEI V. RCSTRATA	6.0	0.04	н	1.9	0.08
ACTINASTRUM HANTZSCHII V. FLUVIATILE	3.7	0.16	CHIA FON	2.8	0.12
SP.	6.0	0.04	ITZSCEIA P	⊅• 8	0.37
ANACUSTIS SP.	1.9	0.08	ZII	4.6	0.20
ASTERICHELLA FORMOSA	21.3	0.94	ITZSCHIA SP. #	3.7	0.16
BLUE-GREEN UNKNOWN FILAMENT	6.5	0.28	NITZSCHIA SP. #2	1.9	0.08
CALONEIS VENTRICOSA V. MINUTA	6*0	ħ0°0	OOCYSTIS SP.	14.8	0.65
	57.5	2.52	PEDIASTRUM DUPLEX	6.0	0.04
OUADRAIA	31.6	1.38	ABUNCANS V	7.4	0.33
CRYPTORONAS SP.	5.6	0.24	SCENEDESHUS BICTLIULARIS	1.9	0.08
CONTRACTOR	9.4	0.20	SCENEDESHUS DIMORPHUS	11.1	0.49
CRYPTICA	4.6	0.20	SCENEDESMUS QUADRICAUDA	3.7	0.15
KUETZINGIANA	12.1	0.53	SPHABROCYSTIS SP.	0.9	0.04
MENEGHINIANA	7.4	0.33	STEPHANODISCUS ALPINUS	9.4	0.20
MICHIGANIANA	9.4	0.20	BINDERA	39.9	1.75
as.	3.7	0.16	HANTZS	33.4	1.47
CY HATOFLEURA SOLEA	0.0	0.04	SIEPHANODISCUS MINUTUS	18.6	0.81
CYMBELLA VENTRICOSA	1.9	0.08	STEPHANODISCUS SP.	21.3	76.0
DACTYLCCOCCOPSIS ACICULARIS	0.9	ħ0.0	STEPHANODISCUS SUBTILIS	6.5	0.28
	40.8	1.79	STEPHANODISCUS TENUIS	2.8	0.12
	83.5	3.66	SURIREILA ANGUSTA	1.9	0.08
CROTONENSIS	113.2	4.97	SYNEDRA ACUS	0.0	0.04
PRAGILARIA INTERMEDIA	6.5	0.28	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.16
GLOEOCYSTIS SP.	123.4	5.41		1.9	0.08
3IA	0.0	0.04	SYNEDRA PARASITICA V. SUBCCNSTRICTA	0.0	0.04
DISTANS	7.4	0.33		0.9	70.0
GRANULATA	1400.4	61.42	SYNEDRA ULNA	3.7	0.16
CAPITATA V. LUNEBURGENSIS	1.9	0.08	SYNEDRA GINA V. CHASEANA	0.9	0.04
	0.9	D. O	ABELLARIA PENES	117.9	٠
ACICULARIS	0.0	7.04			
ACUIA	0.0	0.04	TOTAL	2280.1	100.0
AMPHIBIA	6 . 0	o.			
	c	77			

DIVERSITY = 2.65

NO. OF PORMS = 62

NDC 1-1

TOTAL

TETRAEDRON CAUDATUM V. LONGISPINA

TETRAEDRON MINIMUM

PERCENT

DIVERSITY = 2.62 CBLLS/ML

± 58

NO. OF PCRMS

7

200

2703.3

DIVERSITY = 3.10

A

NO. OF FORMS

NDC 2-3

					9.3	0.12
NO. OF PORMS = 31	DIVERSITY = 2.5	51	CYCLOTELLA KUETZINGIANA		27.8	0.35
	***		COCCOUNTS A TOTAL MANA			0.0
	78/67737	FERCENT			9.3	0.12
STERIONELLA FORMOSA	18.5	8	STELL1		1.9	0.02
BLUE-GRESH UNKNOWN PILAMENT		1.92	DACTYLOCOCCOPSIS SP.		3.7	0.05
CHFOOCCCUS SP.	137.3	9 17 9	DINOFLAGELLATES		29.7	0.37
COELOS PHA ERTUM COLLINSII	3.7	0.17	FLAGELLATES		317.2	00.4
COSHAPIUM SP.	7	0.17	FRAGILARIA CAPUCINA		102.0	1.29
TO THE TOTAL OF TH	8 71		EAGILARIA		1.9	0.02
) = • F	•				8
14 CT171CA	± 1	0.33	TOSTEDATES CESTOSES OF THE PROPERTY OF THE PRO		7.4	
CICECIFLEA RUBIAINA	7.5	\ . · · ·	CANALLESSEN IN LAST CONTRACTOR		,	•
CICLUIELLA SP.	3.7	0.17			٠,	
DINCFLAGFLLATES	18.5	0.87	MELOSIFA DISTANS		* '	60.0
EUGLENA SP.	÷	0.17	FLOSIRA		3964.1	20.04
FLAGFLLATES	230.0	10.82			3.7	0.05
FRAGILARIA CROTONENSIS	3	2.09	NAVICULA MENISCULUS		1.9	0.02
GLCEOCYSTIS SP.	ی	10.4	NAVICULA SP.		3.7	0.05
ALALIZAGU KALACIAK	1254	000				0.02
	3					
	3.7	0.1	DACATA		٠,	70.0
NAVICULA SP.	3.7	0.17			3.4.8	٥. ع
NITZSCHIA CONFINIS	3.7	0.17	۵		3.7	0.05
MITZSCHIA SP.	7.6	0 17	NITZ SCHIA ROMANA		1.9	0.02
•	7 (U			0
	•				•	
STEPHENOUISCUS ALPINUS		0.52				
	3.7	0.17	2		•	70.0
STEPHANODISCUS PINDERANUS	5.44	2.09			18.5	0.23
STEPHA NODISCUS HANTZ SCHIL	51.9	2.44	A ERIENSI		7.4	0.09
	7.66	4.	SCENEDESHUS DIMORPHUS		22.3	0.28
	7 00		FALCATUS		7.4	60.0
	- 1		SCHWEDESMIS OHADBICANDA		26.0	0.33
		1 2	0		7 7 7	0.0
) : () (, ,	
•	,	0.35			;.) (
STREDRA DELICALISSIMA V. ANGUSTISSIMA		0.52	STEPHANOULSCUS ALFINOS		7.10	` °
TABELLARIA PENESTRATA	37.1	1.75	STONE		٠.	
			STEPHANDDISCUS RANTZSCHII		176.2	7.77
H	TOTAL 2125.8	100.0	STEPHANODISCUS MINUTUS		142.8	1.80
					116.9	. 48
			STEPHANODISCUS SUBTILIS		50.1	0.63
			STEPHANODISCUS TENUIS		220.7	2.19
NO. OF FORMS . 65	DIVERSITY = 3.16	90	H		13.0	0.16
	F 2 C F F B C	100	SURIRELLA ANGUSTA		6.	0.02
	70/67737	FEBUCES F	ACUS		14.8	0.19
:	•	•	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	4	115.0	1.45
ACHRANIES CLEVEL V. ACSIBALA	- 1	70.0	YNEDPA		1.9	0.02
A PRICK & OVALLS	, ,	70.0	XXX		1.9	0.02
ANKLST BUDESHUS SP. #1	7.5	0.00	SYNEDRA OSTENPELDII		16.7	0.21
A STERIONE LLA FORMOSA	176.2	2.22	YNEDRA		14.8	0.19
	135.4	1.71	YNEDRA		13.0	91.0
CALONEIS VEHTRICOSA V. MINUTA	9.0	0.02			-	
	9.6	0.07	AND STREET			
	, c	0.0	INEURA OL		٥٠٠	78.0
SECOND STATE OF SECOND	4 6 6	20.0	ABELLARIA		411.8	5.20
	4 00	32.0	TREUBARIA TRIGORUM		٠.	0.02
	, w	200				4
THE CRIPTACA	•	•	014	TOTAL	7922.6	100.0

NDC 4-3 NO. OF PORMS = 36	DIVERSIT	SITY = 3.23	m	NDC 4-4 NO. OF PORMS	IMS = 28	DIVERSITY	Y = 2.18	m
		CELLS/ML	PERCENT			CEI	CELLS/NL	PERCENT
ANABAENA SP.		6.0	0.15	ANABAENA SP.			0.5	90.0
SAKTOTOTOTOTO # C			0 00	DO STEVENS			7.9	C
		- (1 6				•	
A STERIONELLA FOREOSA		۲۶.۶	3.07				٠,	5.0
CEFATION HIRUNDINELLA		0.0	0.15	ANKISTRODESMUS SP. #3			6.0	0.13
CHROOCOCCUS SP.		97.9	15.42	ASTERIONELLA FORMOSA			9.3	1.25
2				ACRETTE NECESSARY NEGOTIANTE	£			90
COELOS FIIA ER LUE S F.		7.5	10.0	DECEMBER ON SIGNATURE	<u>-</u>			900
		0.5	0.07	CERATION HIRONDINELLA			0.5	90.0
CRUCIGENIA CUADRATA		17.2	2.70	CHEOOCCCCUS LIMNETICUS		L 7	5,3	56.14
CRIPIOMONAS SP.		7.	0.22	COELOSPHAERIUM COLLINSII			2.3	0.31
_		0.5	0.07	CRUCIGENIA OUALRATA			9.3	1.25
		6.	0.29	CRYPTO MONAS SP.			1.4	0.19
		0.5	0.07	CYCLOT ELLA COMTA			6.9	0.13
		6.0	0.15				9.0	0.08
STELLIGERA		6.0	0.15				5.0	0,06
,,,		9.7	1.54	MICHIGANIAN			6.0	0.13
A TACALTA		179.6	28.29	CVCLOTHILLA SP.			5.0	0.06
OF UNIX OF CALL STREET		2 11 2	11 70	٦ (·	, ~	
CICACLERATA COOLOGESTS) i	DIROF LAGE LEA LES		7 7	7 .	
_		7.77	3.08	2		٥,	- 0	40.17
		ċ	0.15	_			3.9	1.88
C		76.1	11.99	₽		m	3.9	4.58
NITZSCHIA BACATA		0.5	0.07				2.3	0.31
NITZSCHIA PALEA		7.	0.22	MELOSIRA GRANULATA		m	9.0	4.14
NITZSCHIA SP. #1		•	0.15	NITZSCHIA SP.			6.0	0.13
OOCYSIIS SP.		16.7	2.63	OOCYSIIS SP.		~	1.3	2.89
SCENEDESMUS BICELLULARIS			0.29	STEPHANODISCUS ALPINUS			0.5	90.0
SCENEDESMUS QUADRICAUDA		2.8	77.0	STEPHANODISCUS MINUTUS			6.0	0.13
SCENEDESMUS SP.		1.9	0.29	SYNEDRA SP.			0.5	90.0
STEPHANODISCUS ALPINUS		1.	0.22	TETRAEDRON CAUDATUM			0.5	90.0
		1.9	0.29					
STEPHA NODISCUS MINUTUS		5.6	0.88		H	TOTAL 73	739.8	100.0
		6*0	0.15					
		0.5	0.07					
STEPHANCDISCUS TENUIS		6.0	0.15					
SURIREILA ANGUSTA		0.5	0.07					
SYNEDRA SP.		7.	0.22					
TABELLARIA FENESTRATA		84.9	13.38					
			•					
	TOLY	634.8	0.001					

	CELLS/HL	PERCENT			
ACHNAN THES EXIGUA	1.9	0.03	NITZSCHIA PALEACEA	3.7	0.05
	3.7	0.05	NITZSCHIA SPICULOIDES	1.9	0.03
ANABAENA SP.	3.7	0.05	NITZSCHIA SP.	3.7	0.05
A STERIONELLA PORMOSA	183.6	2.56	NITZSCHIA SP. #1	5.6	0.08
	33.4	0.47	OESTRUFIA ZACHARIASI	1.9	0.03
CHROOCOCCUS SP.	#	0.62	OOCYSTIS SP.	29.7	0.41
COSMARIUM SP.	3.7	0.05	PEDIASTRUM DUPLEX	3.7	0.05
CRYPICHONAS SP.	33.4	0.47	RHOICO SPHENIA CURVAIA	1.9	0.03
CYCLOTELLA COMIA	1.9	0.03	SCENEDESHUS BICELLULABIS	3.7	0.05
CYCLOTELLA CRYPTICA	39.0	0.54	SCENEDESHUS QUADRICAUDA	22.3	0.31
CYCLOTELLA KUETZINGIANA	3.7	0.05	SCENEDESMUS SP.	8 • 1	0.07
CYCLOTELLA MENEGHINIANA V. PLANA	3.7	0.05	SPHAEROCYSTIS SP.	5.6	0.08
	5.6	0.08	STEPHANODISCUS ALPINUS	39.0	0.54
CYCLOTELLA MICHIGANIANA	6*3	0.13	BINDERAND	322.8	4.50
	£.6	0.13	STEPHANODISCUS HANTZSCHII	178.1	2.49
CYCLOT ELLA STELLIGERA	5.6	0.08	STEPHA NODISCUS MINUTUS	76.1	1,06
DIATOMA TENUE V. ELONGATUM	3.7	0.05	STEPHANODISCUS SP.	76.1	1.06
VULGAR	1.9	0.03	S	61.2	0.85
	20.4	0.28	TEN	161.4	2.25
FLAGELLATES	198.5	2.77	H	1.9	0.03
PRAGILARIA CROTONENSIS	m	10,30	SURIRELLA ANGUSTA	1.9	0.03
PRAGILARIA INTERMEDIA	37.1	0.52	SYNEDRA ACUS	1.9	0.03
	1.9	0.03	TIS	6.06	1.27
GLOEOCYSTIS SP.	192.9	2.69	SYNEDRA PILIPORMIS	5.6	0.08
KIRCHNEFIELLA SP.	1.9	0.03	SYNEDRA RUMPENS	1.9	0.03
MELOSIRA DISTANS	7.4	0.10	SYNEDRA SP.	5.6	0.08
MELOSIRA GRANULATA	3984.5	55.61	SYNEDRA TENERA	7.4	0.10
NAVICULA GASTRUM	1.9	0.03	SYNEDRA ULNA	7.4	0.10
NAVICULA SP.	5.6	0.08		18.5	0.26
NITZSCHIA AMPHIBIA	1.9	0.03	TABELLARIA FENESTRATA	411.8	5.75
NITZSCHIA AMPHIBIA V. FOSSILIS	3.7	0.05	Ĥ	1.9	0.03
NITZSCHIA BACATA	3.7	0.05			
	9•3	0.13	TOTAL	7165.1	100-0
	3.7	0.05			
NITZSCHIA PALEA	1.9	0.03			

DIVERSITY = 2.80

NO. OF FORMS = 66

NDC 7-1

DIVERSITY = 2.84

NO. OF PORMS = 65

N DC

3.24	PERCENT	=	•	'n	η.	0.19	S		•	•	0.19	0.19	5.80	5.42	22.44	0.19	2.71	0.19	0.39	35.98	0.19	0.19	0.19	0.39	0.19	0.19	0.77	0.39	1.55	0.19	0.58	7.7	1.55		0.19	0.97	0.19	0.77	٥٠ <u>.</u> و	0.19	6.19
DIVERSITY = 3.	CELLS/KL		6.00	ᆣ,	26.0	3.7	11.1		, ,	57.3	3.7	3.7	111.3	103.9	#30°#	3.7	51.9	3.7	7.4	690.1	3.7	3.7	3.7	7.4	3.7	3.7	14.8	7.4	29.7	3.7	F	33.4	29.7	3.7	3.7	18.5	3.7	9.7	3.7	3.7	118.7
NO. OF FORMS = 38			STERICNELLA FORMUSA	_	CHROOCOCCUS SP.	RIUM SP.	-		CYCLOTELLA CRIPLICA	ETZI	DIATOMA TENUE V. ELONGATUM	DINOBRYON DIVERGENS	FLAGELIATES	FRAGILARIA CAPUCINA	LARTA CROTONENSIS		י עקדור קט	NECENNE PART OF A CONTROL OF A	DISTANS	TRA GRANULATA	HIA MENISCULUS	BACATA	_	PALFA		CHIA SP. #1	OOCTSTIS SP.	SCLENIA ERIENSIS	DESHUS FALCATUS	DESMUS SP.	ANODISCUS AIPINUS	ANODISCUS EINDERANUS	ANODISCUS HANTZSCHII	ANODISCUS MINUTUS	ANODISCUS SP.	ANODISCUS SUBTILIS	LVAN		OSTENF	ULNA V	BELLARIA FENESTRATA
SDC.5-0			ASTERI	BLUE-G	CHROOC	MULBANSOU	770707		CYCLOL	CICLOI	DIATO	DINOBE	FLAGEI	FRAGII	PRACTI ARTA	PRAGTIARTA	01010	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	I C L E E	MELOSTRA	NA VICILA	NITZSC	NITZSC	NTTZSC	NITZSCHIA	NITZSC	OOCYSI	RHIZOS	SCENEI	SCENEI	STEPH	STEPHI	STEPH	STEPH	STEPHI	SIEPHI	STEPHI	SYNEDRA	SYNEDRA	SYNEDRA	TABELI
2.87	PERCENT		0.14	0.27	700	7.0	70.0	0.27	37,23	0.14			- 0	0.00	17.0		- ; · · ·	0.14	0.0	3.26	07.67	13. V. C.		000	71.7	7 • 0 ° 0	78.0		14.0	41.0		0.14	8 77 77	•	0001						
DIVERSITY = 2	CELLS/ML		0.5	6.0) (C • 7	6.0	127.1	7,0			9 0	รร	, ,	n :	† t	ດຸດ			9		2.0	o.0	y 0	ο c	8.7	- 0	הית		, c	, c	1,00	•	341 5	•					
30 DIV																															AMISSI				1450	7 4 7 0 1					
NO. OF FORMS =			AFINA SP.	U.	SERVICE CONTRACTOR OF #2		RICHELLA FURBUSA	TIUM HIRUNDINELLA	CHROOCOCCUS SP.	TINK TITOU WILL BE READ TO	COLECCE TO DESCRIPTION COLECTION OF THE	TOTAL CONTRACT	TO FRITA QUADRATA	TOBONASSP.				CYCLOTELLA MICHIGANIANA	CYCLOTELLA SP.	FL AGELL ATES	FLAGELLA TES	FRAGILARIA CROTONENSIS	OCYSTIS SP.	GREEN FILAMENT, UNKNOWN	SIRA GRANULAIA	ST IS SP.	SCENEDESMUS QUADRICAUDA	EUESHUS SK.	SIEFRANCHISCOS ALFINOS	TERRICOLD COS SILVOLOS	THE DESTRUCTED V. ANGERTHANIAN	DOB HIND	BRUTT BRID BRUKATRATA								
NDC 7-5			ANABAENA	CAN	2 2 2 2	746	A 5.1E	CERA	CHRO	1100	ָנָים נָים ביים ביים ביים ביים	ָרְאָי מְרָי	נאמנ	CRYP	C I C	CYCL	CXCL	CACE	CACI	DINO	FLAG	FRAG	SLOE	GREE	MELO	OUCESTIS	SCER	2 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	STEP	SIEF	CANADA	SANTOR	10 E	1							

1918.1

2.22	PERCENT	60.0	2.76	0.43	60.0	0.17	0.09	0.35	5.26	3.17	0.09	60.0	0.09	0.26	60.0	2.76	60°S	1.47	0.86	60.0	67.90	0.09	0.35	A 0 0	n 0	5 C		000	, c	97.0	70.7	0.00	107	0	0.0	00.0	0.17	60.0	0.43	0.43	60.0	-	•	0.001
DIVERSITY = 2	CELLS/NL	3.7	118.7	•	•	7.4	3.7	14.8		7.4	3.7	•		•	~	.	ထေး	63.1	37.1	<u>س</u> (2919.8	J. 7	æ :	٠,٠	7.0	7.6	70.0	. v. c	7) 4		0.00	• a) T	7.6	20.7		7.4	3.7	18,5	18.5	3.7	178.1		T 4299.9
SDC 1-0 NO. OF FORMS = 42 D			CHEBICANDI	FROM ALLA NECNAND NEGRO - FILLS	THE HITCH HITCH	CHPOCCOCUS SP.	COSMARIUM SP.						DINOBRYON DIVERGENS	DINOFLAGELLATES	FUGLENA SP.	ഗ		-	GLCEOCYSTIS SP.	E		ഗ				ا م	OOCYSTIS SP.	Ω.	U	STEPHANODISCUS AIPINUS		STEPHANODISCUS MANIZOCULI				_	U	STEECHT THE WILLIAM STEECHT		ULNA	VAUCHERI	RIA PENESTRATA		TOTAL
#8	PERCENT	•		3 2 2 2		17.0	- c	2000		0.08	0.24	0.55	17.73	12.16	0.86	7.45	0.08	44.32	0.23	0.08	0.08	0.16	0.08	0.39	0.55	0.08	1.49	1.65	0.08	0.08	0.08	0.31	2 t c c c c c c c c c c c c c c c c c c		90.0	2.0	700	90.0		• =	•	•	100.0	
DIVERSITY = 2.84	CELLS/ML	•	- uc	- 0	• a	16.7					2.8	6.5	209.7	143.8	10.2	88.2	6.0	524.3	2.7	0.9	0.9	1.9	6.0	9.	6.5		17.6	19.5	6°0	6.0	6.0	٠. د .	ָה היים היים	o 0	ָרָ מיני		ำ	, ,	• •	4 11			1183.1	
NO. OF PORMS = 41 DIV		C **	100 0 Pro # 2	ない こくしゅう かいこくしゅう かいこくしゅう スプトー		•			A NATIONAL PARTIES AND TAILER		STRILIGERA	T ES		CROTONENSIS	INTERMEDIA	SP.	ILA SP.		GRANULATA V. ANGUSTISSIMA	ANGUSTATA V. ACUTA	BACATA	CONFINIS	PIL I FORM IS	PALEA		SP. #7		•				SOLONIE				COSTEROIS	4 C D S T A			TO CHANES AND	FENESTRALA		TOTAL	
SDC. 5-2			* SANTOLEGE OF SAN	AULERICHER TORGOUN	TO MILE OF MUCCO		O WITH TOTAL					-	FLAGELIATES	FRAGILARIA CROTONENSIS	FRAGILARIA	GLCEOCYSTIS	GOMPHO SPHAERIA	MELCSIFA GR	MELOSIRA GRI	NITZSCHIA A						NITZSCHIA SI	OOCYSTIS SP.	SCENEDESMUS SP	STEPHANODIS	STEPHANODISCUS	STEPHANODIS	STEPHANODISCUS	STEPHANODIS	STEPHANODISCUS	STEPHANODIS	STEPHA NODI SCUS TE	SUKIKELLA A	SINFURA SE.	SINCONA OLN	SINDUM CLAN CANDE	TABLLARLA			

DIVERSITY = 2.65

NO. OF FORMS = 53

SDC 1-1

	CELLS/ML	PERCENT				
ACTINA STRUM HANTZSCHII V. PLUVIATILE	0.9	0.42	NITZSCEIA ACICULARIS		0.5	0.03
iP.	6.0	0.07	NITZSCHIA BACATA		0.5	0.03
ANACYSTIS SP.	0.5	0.03			0.9	0.07
ANKISTRODESMUS SP. #1	7.	0.10			0.5	0.03
ANKISTRODESMUS SP. #2	2.8	0.20	FONTICCL		6.0	0.07
ASTERICNELLA FORMOSA	23.7	1.66			1.9	0.13
BLUE-GREEN UNKNOWN FILAMENT	9.4	0.33			6.0	0.07
CERATIUM HIRUNDINELLA	1.9	0.13			0.5	0.03
CHROOCOCCUS SP.	130.4	9.16			2.3	0.16
COFLOS PHA ERIUM COLLINSII	2.8	0.20	SP		1.	0.10
CRUCIGENIA QUADRATA	19.5	1.37	~.	•	33.4	2.35
•	6.0	0.07	SCENEDESMUS BICELLULARIS		1.9	0.13
	0.0	0.07	SCENEDESMUS DIMORPHUS		1,9	0.13
	4.	0.10	SCENEDESMUS QUADRICAUDA		8.8	0.62
	4.6	0.33	SCENEDESHUS SP.		9.3	0.65
	6.0	0.07	SELENASIRUM SP.		0.5	0.03
	6.0	0.07	SPHAEROCYSTIS SP.		0.5	0.03
DIATOMA TENUE V. ELONGATUM	0.5	0.03	STEPHANODISCUS ALPINUS		4.2	0.29
DINOBRYON DIVERGENS	6.0	0.07	STEPHANODISCUS HANTZSCHII		6.0	0.42
DINOFLAGELLATES	33,9	2.38	STEPHANODISCUS MINUTUS		19.0	1.34
EUGLENA SP.	0.5	0.03	STEPHANODISCUS NIAGARAE		0.5	0.03
FLAGELLATES	351.7	24.71	STEPHANODISCUS SP.		3.7	0.26
	0.5	0.03	STEPHANODISCUS SUBTILIS		7.4	0.10
FRAGILARIA CONSTEUENS V. VENTER	0.5	0.03	STEPHA NODISCUS TENUIS		6.0	0.07
PRAGILARIA CROTONENSIS	192.1	13.50	STNEDRA ACUS		0.5	0.03
	5.1	0.36	SYNEDRA DELICATISSINA V. ANGUSTISSINA		7.4	0.10
GLENODINIUM SP.	0.5	0.03	STNEDRA SP.		0.5	0.03
GLOEOCYSTIS SP.	34,3	2.41	STNEDRA TENERA		0.5	0.03
GREEN FILAMENT, UNKNOWN	0.5	0.03	STREDRA ULNA V. CHASEANA		1.9	0.13
KIRCHNERIELLA SP.	1.9	0.13	TABELLARIA FENESTRATA	•	20.4	1.43
	2.8	0.20				
MELOSIRA GRANULATA	466.3	32.77	TOTAL		1423.1	100.0

DIVERSITY = 3.09

NO. OF FORMS = 62

S DC 1-2

						0.09
SDC 2-0 NO. OF FORMS = 28	DIVERSITY = 2	2.48	CYCLOTELLA MICHIGANIANA		9 0	- 0
	CELLS/ML	PERCENT	AA SOLEA		0.0	0.0
		•	CYMBELLA VENTRICOSA		o (0.03
BUILDICATELLA FORMOUA	. a	 	S E Z		٠ د د	2.C
CHROOCOCO US SP.	9 9	, 4	DINOFLAGELLATES		0	0.0
CYCLOT FLI.A CRYPTICA	, [THE MORE THAN THE		485.3	14.55
CYCLOTELLA KUETZINGIANA	3.7	0.26	TEXAMNOLUMN TEMPLET		358.2	10.74
	3.7	•	TUTERNTENT		2.8	0.08
DIATOMA VULGARE	3,7	7			6	90.0
EUGLENA SP.	3.7	0.26	GLOSOCYSTIS SP.		200.4	6.01
PLAGELLATES	11.1	٦,	GREEN FILAMENT, UNKNOWS		6.0	0.03
FRAGILARIA CROTONENSIS	37.1	2.56	ဟ		7.4	0.22
GLOFOCYSTIS SP.	48.2	•	MELOSIRA GRANULATA		1513.6	45.38
	897.8	62.03	NAVICULA CRYPTOCEPHALA		6.0	0.03
NAVICULA SP.	7.6	0.26			6.0	0.03
NITSSCHIA BACATA		97.0			2.8	0.08
CONTRACTOR OF CONTRACTOR	, ,	* u c			6.0	m 0.0
SCERED ESTUS QUALALCAULA	1.8	103			o 0	
CONTRACTOR DOUGHOUSE OF THE PROPERTY OF THE PR	20.7	20.0			, c	9 6
STEPHANDISCUS HANTSCHIL	: 6	4.61	NATES CHIS RUBARA			
STEPHA NODI SCUS MINUTUS		1,28				0.13
STEPHANODISCUS SF.	9				27.8	0.83
TENUIS	3.7	~	S 1		3.7	0.11
SYNEDRA DELICATISSINA V. ANGUSTISSINA	7.4	0.51	CENEDESMUS		1.9	0.06
SYNEDRA DEMERARAE	3.7	~	DIMORPHUS		7.4	0.22
	3.7	0.26			11.1	0.33
STNEDRA TENERA	3.7	0.26			43.6	1.31
	٠.6/	9.0	SP.		6.5	0.19
TETPAEDRON MINIBUR	3.7	0.26	STEPHANODISCUS ALPINUS		9.0	0.17
6	2 1777	9				9 0
P		0.00	STEPHANODISCUS BINDERANDS		- 00	00.0
			OTENIA SOLLOCEU TARLES CALLANDER		51.0	1.53
			NIAGAR		6.0	0.03
			SP.		16.7	0.50
SDC 2-1 NO. OF FORMS = 66	DIVERSITY = 3	3.04	SUBTI		2.8	0.08
			STEPHANODISCUS TRNUIS		e 6	0.28
	CRITICAL	PERCENT			٠. د	9.5
STATEMENT OF THE STATEMENT AND STATEMENT OF THE STATEMENT	13.0	0.39	SINEDER ACOU	CTXI	11.1	
		9	O PETTONICATION OF THE PETTONI			
ANABAENA SP.	2.8	0.08			2.8	0.08
ANKIST FOD ESMUS SP. #3	1.9	90.0			1.9	90.0
A STERICNELLA PORMOSA	80.7	2,42	E		1.9	90.0
BLUE-GREEN UNKNOWN FILAMENT	6.5	0.19	ULNA		1.9	90.0
CERATICM HIRONDINELLA	6.0	0.03	SYNEDRA ULNA V. CHASBANA		3.7	0.11
CHROOCCCUS SP.	109.5	3.28			90.0	2.70
CLOSTERIOPSIS SP.	000	0.03	22 3		00	0.0
CORLOS PRA BALLOS COLLANGIA CRICTOFATA ORBIDARA	26.9	0.81	TEIRAEDRON AUTICUR		* • • •	•
CYCLOTELLA CRYPTICA	3.8	0.25		TOTAL	3335.2	100.0
	,				1 1 1 1	•

SDC	2-3	NO. OF FORMS = 43	DIVERSITY = 2.90	0	SDC 4-0 NO. OF FORMS = 33	DIVERSITY = 3	3.21
			CEIIS/MI	PERCENT		CELLS/ML	PERCENT
. 7	ANABAENA SP.			60.0	ASTERIONELLA FORMOSA	37.1	2.21
•	ANACYSTIS SP.		3.7	0.36	LUE-GREEN UN	3.7	
-	ANKIST FCD ESMUS :	SP. #3		0.18	S SP.	48,2	2.88
•	A STERICNELLA FOR	FORMOSA	•	1,78	OSMARIUM SP.	3.7	0.22
		DWN PILAMENT	1.9	0.18	CRYPTOMONAS SP.	3.7	0.22
_			•	10.23		3.7	0.22
_	n		6.0	0.09	DINOFLAGELLATES	33,4	1.99
_	CYCLOTELLA COMTA	A	6.0	0.09	FLAGELLATES	'n	17.04
_		FICA	6.0	0.09	FRAGILARIA CROTONENSIS	(1)	6.19
-		KUETZINGIANA	2.8	0.27	GLCEOCYSTIS SP.	115.0	98.9
-		MICHIGANIANA	6.0	0.09	GREEN FILAMENT, UNKNOWN	7.4	77.0
_	CYCLOTELLA SP.		6.0	0.09	GRANULA	675.2	40.27
'	DIATOMA TENUE V.	. ELONGATUM	•	60.0	NAVICULA SP.	3.7	0.22
-	DINOFLAGELLATES		35,3	3,38	NITZSCHIA CONPINIS	7.4	77.0
-	FLAGELLATES		•	42.08	NITZSCHIA FONTICOLA	3.7	0.22
-	FRAGILARIA CROTONENSIS	ONENSIS	88.2	8.45	OOCYSTIS SP.	3.7	0.22
	GLOFOC YSTIS SP.		•	1.87	SCENEDESMUS DIMORPHUS	14.8	0.88
- (GREEN FILAMENT,	UNKNOM N	1.9	0.18	SCENEDESMUS QUALRICAUDA	14.8	0.88
- '		SP•	•	0.18		29.7	1.77
_	·	ITA	203.2	19.48	STEPHANODISCUS ALPINUS	7.4	11 10
			_	0.09	STEPHANODISCUS BINDERANUS	14.8	0.88
~ .		SI	6.0	60.0	STEPHANODISCUS HANTZSCHII	77.9	4.65
·			6.0	0.09	STEPHA NODISCUS MINUTUS	22.3	1.33
		KI H	0.0	0.09	STEPHANODISCUS SP.	37.1	2.21
	Sp.		•	60.0	STEPHANODISCUS SUBTILIS	7.4	77.0
	A SP. #	-	•	0.27	STEPHANODISCUS TENUIS	7.4	77.0
J	•		•	1.96	SYNEDRA ACUS	3.7	0.22
· ·		BICTLULARIS	1.9	0.18	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	14.8	0.88
-•		DIMORPHUS	3.7	0.36	SYNEDRA SP.	3.7	0.22
- (FALCATUS	7.4	0.71	K	3.7	0.22
-,		QUADRICAUDA	5.6	0.53	RA ULNA	3.7	0.22
	•		3.7	0.36	A ULN	3.7	0.22
. ,		ALPINUS	3.7	0.36	TABELLARIA PENESTRATA	70.5	4.20
~1		HANTZSCHII	6.0	0.09			
⊍ 1		MINUTUS	14.8	1.42	TOTAL	AL 1676.9	100.0
	SCOS	SP.	5.6	0.53			
01 (SURIRELLA ANGUSTA	A :	6.0	60.0			
1		1	6.0	0.09			
v. (P	6°0	60.0			
(V.			0.09			
., .			Σ. (0.18			
• 6	SINEDAA ULNA madattata ooneemoama		200	ν. Σος			
4	ADELLANTA FENE.	IKAIA	•	t. 7			

TOTAL 1043.1 100.0

SDC 4-1 NO. OF FORMS = 51	DIVERSITY = 2	.58	SDC 4-3 NO. OF PORMS = 40	DIVERSITY =	3,10
	CRLIS/NL	PERCENT		CELLS/AL	'ML PERCENT
ACTINASTRUM HANTZSCHII V. PLUVIATILE	14.8	0.74	ANABAENA SP.	8.0	90.00
ANADAENA SP.	6.1	0.09	ANKISTRODESING SP. 43	0	
ANKIST RODES MUS SP. #1	6.0	0.05	ASTERICHELLA FORMOSA	20.4	
A STERIORS LLA FORMOSA	25.1	1.24	BIUT-GREEN UNKNOWN FILMENT	0	
Chichican archivates Firensia	* 0		CETATION HIRONCINELLA	9.0	
CHEOCCCCUS SP.	0.06	t . t .	CHRISTORIAN SP.	2	
CRUCICENIA QUADRATA	3.7	0.18	CRUCIGINIA OUADRATA	11.1	
	6.0	0.05	CRYPIONONAS SP.	7	
CYCLCTELLA CRYPTICA	7.4	0.37	CYCLOTELLA COMTA	;;0	
CYCLOTELLA KUETZINGIANA	9.5	0.28	CYCLOTELLA KUETZINGIANA	2.6	
CYCLOTELLA MEMBGHINIANA	6.0	0.00	CYCLOT ELLA HICHIGANIANA	2.0	
CICLUITLEA ALCHIGANIANA	2.8	1 0	DINOFLAGELLATES	1.91	
DIATORA TENDE V. PLONGATOR	6.1	60-0	FLACELLATES BOAGHIARTA COOLONGAAF		
	33.4	1.66	7	36.7	
EUGIENA SP.	0.9	0.05	GREEN FILLAMENT, UNKNOWN	-	
	355. 4	17.66		78.	
FRAGILARIA CONSTRUENS V. VENTER	6.0	0.05	NITZSCHIA BACATA	0	
FRAGILLAIA CROTONENSIS	125.3	6.22		0	
GLCEOCYSTIS SP.	61.2	30.04	NITZSCHIA CONPINIS	•	
MECHONIA CRANCLAIA	0.00	94.09	NITZ SCHIA FONTICOLA		
NAVICULA PLATICULA	6,0	20.0	NITENCHIA UP.		
NITZSCHIA ACICULARIS	0.0	0.05	OCCYSTIS SP.		
NITZSCHIA BACATA	6.0	0.05	RHIZOSCLFNIA ERIENSIS	0	
HITSSCHIA CAPITELLATA	6.0	0.05			
NITZSCHIA CONFINIS	6.1	60.0	STEPHANODISCUS ALPINUS	2.:	
	3.7	0.18	HANTES		
NITZSCHIA PALEA	6. 4 6. 4	200	SIEPHANODISCUS MINUTUS	9.0	
OCCUPATE OF		2 6	5 F •	- 6	
COCLULIA UR.	7.0	0.00	STEPHA NODISCUS SUBILLIS	5	
SCENEDESHUS OUADRICAUDA	7.4	0.37	STREET RIVING TO THE		
	3.7	0.18	SYNEDER SP.	0	
STAUPASTRUM SP.	6.0	0.05	SYNEDRA TENERA	-	
STEPHANODISCUS ALPINUS	± €	0.41	DRA ULN	-	
STEPHANODISCUS ASTRAEA	5.	60.0		57.5	
STEPHAROLISCUS BINDERANDS	.1.	10.05	TETRAEDEON MIMIMUM	•	
	- a-	0.41		TOINT / the /	2.00
	, E	0.18			
	2.8	0.14			
	6.0	0.05			
ACUS		60.0			
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		9.00			
	9	0.23			
TABELLABIA PENESTRATA	21.3	1.06			
	A 2012 B	100			
})))			

				COCCONEIS SP.			0.03
SDC 4-4 NO. OF FORMS = 35	DIVE	DIVERSITY = 2.39	6	CYCLOTELLA COMIN		0	0.07
		CELLS/ML	PERCENT	CYCLOTELLA CRYPTICA CYCLOTELLA KUETZINGTANA		3.2	0.07
ON AND AND AND AND AND AND AND AND AND AN		6.0	0.15	MENEGHINIA		0.5	0.03
S		6.0	0.15			•	0.10
ANKIST FOD ESMUS SP. #1		0.5	0.07	SP.		0.0	20.0
A STERICUELLA PORMOSA		75.5	2,31	CYCLOTFILA STELLIGERA		•	9.0
CERATIUM HIRUMDINELLA		1.9	0.30			0.5	0.03
CHLA EYDORONAS SP.		1,9	٣.	DIATOMA TENUE V. ELONGATUM		0.0	0.03
CHROOCCCUS LIMBIICUS		368.9	59,15	DINOFLAGELLATES		51.5	m) (
COELO SPHAERTHM COLLINSII		:	0.3	ī.c		391.6	29.28
COSRATIUM SP.		6.0	0.15	CONSTRUENS		٠	0.07
CRUCIGENIA OUADRATA		12.1	1.93			92.3	06-9
CRYPTOHONAS SP.		2,3	0.37	FRACILARIA INTERMEDIA		2.8	0.21
CYCLOTELLA COMTA		6.0	0.15	FRACILARIA LEPTOSTAURON		2.8	0.21
CYCLOTELLA STELLIGERA		6.0	0.15	GLOEOCYSTIS SP.		•	2.74
DINOFLAGELLATES		18,6	6	GCMTHONEMA OLIVACEUM		•	0.03
FLAGFLLATES		6		GOMPHO SPHAEPIA A PONINA		0.0	0.03
FRAGILANIA CROTONEWSIS		25.5	4.09			2.8	0.21
GLOEOCYSTIS SP.		9				。	0
MELCSIBA DISTANS		0	0.15			•	38.68
RELOSIBA GRANULATA		14.8	2.38				50.0
NITZSCHIA ACICULARIS		0.5	0.07	S.P.		n (0.0
NITZSCHIA ANGUSTATA		0.5	0.07			, ,	20.0
		0.5	0.07			٠. د	
		0.5	0.07			•	200
NITSSCHIA SP.		0.5	0.07	NITESCHIA CONFINIS		3.5	0.24
OOCYSTIS SP.		13.0	2.08	NITCOCHIA DATEM			0 0
RHIZOSCLENIA ERIENSIS			٠,				0.21
SCENEDESMUS DIMORPHUS		· · ·	•	S		6.0	0.07
SCENEDESHUS QUACKICAUDA		- c	•	SP.		10.2	0.76
SCENEURSHOW SP.		• • •	0.0	RHIZOS CLENIA ERIENSIS		0.5	0.03
SIEFNANOLISCUS ALFINAS STROUMNONISCUS BANTASTUTT		• .	•	SCENFDESMUS BICELLULARIS		7.4	0.55
STREET STREET STREET		200	9	SCENEDESMUS DIMORPHUS		1.9	0.14
		0.0	9			4.2	0.31
SYNEDRA SP.		0.5	9			6.	0.14
TABELLARIA PENESTRATA			1.26	STEPHANODISCUS ALPINUS		۰ ت ا	0.35
				STEPHANODISCUS BINDERANDS		7.9	0.59
	TOTAL	623.6	100.0			20.0	0.4
				STEPHANODISCUS SP.		2.3	0.17
7-1 NO. OF PORMS # 62	DIVE	DIVERSITY = 2.9	92			2.8	0.21
) ; i	i)	STEPHANODISCUS TENUIS		6.0	0.07
		CELLS/BL	PERCENT	U?		0.5	0.03
				ACUS		1.9	0.14
	1.8	7.	0.10		4	5.6	0.42
AMPHIPLEURA PELLUCIDA		0.0	0.03			7.	0.10
ARPHOPA OVALIS		0.5	0.03	SYNEDRA TRNERA		0.5	0.03
ANABAENA SP.		0.5	0.03	SYNEDRA ULNA		4	0.10
ANACYSTIS SP.		0.5	0.03			33.4	2.50
ASTERICNELLA FORMOSA		31.1	2.32	TETRABERON CAUCATUR		2.3	0.17
BLUE-GREEN UNKNORN FILARENT		3°.7	0.28	1			,
CHROOCCCUS SP.		45.5	3.40	H	TOTAL	1337.7	100.0

		CELLS/ML	PERCENT			
ACH	ACHNANTHES SP.	0.5	0.03	MELOSIFA GRANULATA	602.7	38.13
A M		0,5	0	NAVICULA CAPITATA	0.5	0.03
AMP	AMPHORA OVALIS	0.5	0.03	NITZSCHIA ACICULARIS	1.9	0.12
AMP	AMPHORA SP.	0.5	0.03		.	60.0
ANA	ANABAENA SP.	6.0	90.0		1.9	0.12
ANK	ANKIST FOD 25 HUS FALCATUS	0.5	0.03		9.4	0.29
ANK		1.9	0.12		1.9	0.12
ANK		0.0	90.0		0.9	0.38
AST		42.7	2.70	NITZSCHIA PALEACEA	0.5	0.03
BLU	BLUE-GREEN UNKNOWN FILAMENT	6.5	0.41		0.5	0.03
CHL	CHLAMYDOMONAS SP.	1.4	60.0		0.0	90.0
CHB	CHROOCCCUS SP.	6.06	5.75	NITZSCHIA SP.	9. 6	0.29
CIO	CLOSTERIOPSIS LONGISSIMA	0.5	0.03	NITZSCHIA SP. #1	2.8	0.18
COE	COELOS PHA ERIUM COLLINS II	89 \$1	0.53	SP.	13.0	0.82
CRC	CRUCIGENIA QUADRATA	39.0	2.47	SCENEDESHUS ABUNCANS	6.5	0.41
CRY	CRYPTONONAS SP.	6.5	0.41	SCENEDESHUS BICELLULARIS	3.7	0.23
CYC		0.5	0.03	SCENEDESMUS DIMORPHUS	3.2	0.21
CYC	CYCLOTELLA CRYPTICA	0.9	90.0	0	7.9	0.50
CYC	CYCLOTELLA KUETZINGIANA	2.8	0.18	SPHAEROCYSTIS SP.	0.5	0.03
CYC	CYCLOTELLA MENEGHINIANA	0.5	0.03	STEPHANODISCUS ALPINUS	7.0	3 ° 0
CKC	CYCLOTELLA MICHIGANIANA	0.5	0.03	ASTRAEA	0°0	0.03
CYC	CYCLOTELLA SP.	0° 0	90.0	8	9.7	0.62
CYR	CYMATOFLEURA SOLEA	0.5	0.03	STEPHANODISCUS HANTZSCHII	8 .	0.53
CYK	CYMBELLA VENTRICOSA	0.0	90.0	z:	12.5	0.79
DIA	DIATONA TENUE V. ELONGATUM	0.5	0.03	STEPHANODISCUS SP.	2.8	0.18
DIN	DINOFLAGELLATES	26.4	1.67	STEPHANODISCUS SUBTILIS	3,2	0.21
FLA	FLAGELLATES	249.6	15.79		2.3	0.15
FRA	FRAGILARIA CONSTRUENS	0.5	0.03		3.2	0.21
FRA	FRAGILARIA CONSTRUENS V. PUMILA	0.0	90.0		6.	0.12
FRA	FRAGILARIA CROTONENSIS	237.6	15.03		6.0	90.0
PRA	PRAGILARIA INTERMEDIA	3.7	0.23	z	0.5	0.03
019	GLOROCYSTIS SP.	22.7	100	TABELLARIA PENESTRATA		6.72
GRE	GREEN FILAMENT, UNKNOWN	1.4	60.0	TETRAECRON CAUDATUM V. LONGISPINA	0.5	0.03
GYR	GYROSIGMA ACUMINATUM	0.5	•			,
KIR	KIRCHNERIELLA SP.	6.0	•	TOTAL	1580.8	100.0
HEL	MELOSIRA DISTANS	2,3	0.15			

DIVERSITY = 3.19

NO. OF PORMS = 69

SDC 7-3

DIVERSITY = 2.31	CELLS/ML PERCENT	.0	c	.5	.0	-	0	67	•	•	.0 6.	•	.4.	.2	· · ·			. 67.	10	.0	.4	.5 0.	.0	5 0.	•	0.5 0.	.	8.	6.	•		.0	.5	0.0	1.4 0.1	36.7 3.23 0.5 0.04	
SDC 7-5 NO. OF PCRMS = 38		ABAENA S	ACYSTIS	KIST FODESMUS	TRODESMUS SP	SNE	RATIUM HIRU	CHROOCOCCUS SP.	RIUM COL	RUCIGENIA Q	v	COMTA	CRYPTICA	× 1	YCLUTELLA SP.	CICLUILLE SIELLGERA	4	TO DO THE BOTT BOTT BOTT BOTT BOTT BOTT BOTT BOT	SP.	ISTA	MELOSIRA GRANULATA	BACATA	NITZ SCHIA FONTICOLA	PAL	Œ		P.	S C	S SF.	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	STEPHANODISCUS HANTSCHII	SCUS MINUTUS	TEPHANODISC!	TENERA	YNEDRA ULNA V. CHAS	TABELLARIA PENESTRATA TETRAELRON MINIMUM	

A WARRIADERNA PELLUCANA	£4
### ATERNOLINGER 100.0 TOTAL TO	
CRYPTONIAN S.P. 14.8	
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SELLARIA PENESTRATA V. INTERMEDIA 57.5 3.1	TABELLARIA FRA
	NAME OF THE PARTY

DIVERSITY = 3.32	S/NL PERCENT 0.5 0.14 0.9 0.27		13.0																																			7.9 0.27			
DIVE	CELLS/HL 0.5 0.9	m	•						-			28	m	•	•	7	m	•						_		-			-		=	e			-				-	•	_
NO.OF PORRS = 51	ESHUS FALCATUS PERHUS SP. #1 ESHUS SP. #3	SHTRIONFILA TORMOSA LIBLEREDA DARAGEA PILERET	IAS SP.		A CKINI LCA		FICHIGANIAN		A STELLIGERA	ENUE V. ELONGATUR	DIATORA VILGARE V. BREVE DIROPLAGPILATES	S S S S S S S S S S S S S S S S S S S	PRACILAPIA CROTONENSIS	IN INTERMEDIA	CE STO		RANDLATA	ISLANDICA	ACICULARIS	BACATA	CAPITEL	COMPINIS	S STORY OF THE	Sp.	SP.		PLLULA		TANDER AN	SISCUS HANTZSCRII	SUTUNI	JISCUS SP.	STREET SUBTILIS	DISCUS TENDIS	ANGUST STATE OF THE STATE OF TH	SYNEDRA DELICATISSIMA V. ANGUSTISSIE?	FILIFORMIS	OSTENPE DII		ULNA V. CHASEANA	IA FENESTRATA V. INTERMEDIA
00-5	ANKISTRODESHUS ANKISTRODESHUS ANKISTRODESHUS	ASTFRIONFLLA BLUE-GREEN H	CRIPTOMONAS	CYCLOTELL	CICLOTELLA	CYCLOTELLA	CYCLOTELLA	CYCLOTELLA	CYCLOTELLA	DIATORA	DIATORA	FLAGFILAT	FRAGILAPI	PRAGILARI	GLENODINI	GREEN PT	MELOSIRA	MELOSTRA	NITZSCHIA	NI TZSCHI A	NITZSCHIN	NITZSCHIA	NT TO COLL	NITZSCHIA	OCCUSTIS SP.	PHACUS SP	SCENEDESKUS BIC	STEPHANOL	STEPHAND	STEPHANOL	STEPHANO	STEPHANOL	STEPHANO	STEPHANODISCUS T	SURIRELLA	SYNEDRA		SYNEDRA D	YNEDRA	YNFDRA	TABPLLARIA
	C C C	3.29	PERCENT	/ F . C	6.0	0.66	0.17	0.17			2.15			7.27	2.48 3.08	0.0	0.17	0.17	0.17	0.17	0.33	0.00	1,32	28.93	6.61	0.50	66.0	0.0	0.17	0.17	0.17	6.28	•								
	6 6 6 7 8	DIVERSITI	CELLS/ML	, , , ,	- 6	7.4	1.9	1.9	27.8	4.000	24.1	11.1	7.4	81.6	27.8	3.7	1.9	1.9	1.9	9.5	۳. ۱	a "	14.9	324.6	74.2	ശ	4.7	0 0 0	6.	1.9	÷	70.5		.77							
		PORMS II 34		NATO S	And we shall a second	THEFT	TANA	IIANA		IRA	818	1	MICA				3.5	SIS	SIT	ITA	JLARIS	A LP IN US PINDERANTS	72 A7 HTT	STERRES		VANICUS	IMA V. ANGUSTISSIMA			4		ATA V. INTERMEDIA		TOTAL							
	;	DC-4 #0.07		AMMISTRODESEDS PALCATO	A STERLOWELLA FORMOUSA	CRYPTORONAS SP.	CICLOTELLA KUETZINGIANA	CYCLOTELLA MICHIGAMIANA		CYCLOTELLA STELLIGER	PLAGFLLATES RESCTIARTS CROMONEWSIS	GLENODINIUM SP.	GLOFOCYSTIS PLANCTONICA	GLOFOCISTIS SP.	MELOSIPA GPANULATA	ATTOSTRA ISLANDICA	NITZSCHIA SPICULOIL	RHIED SOLUMIA ERIENSIS	PHIZOSCLENIA GRACII	RHOJCO SPHENIA CURVATA	SCENEDESMUS BICELLULARIS	STEPHANODISCUS ALPINUS	STEPHARODISCON BINI	STEPRANODISCUS HEN			STNFDRA DELICATISSIMA	SYNEDRA FILIFORMIS		SP.	SYNFDRA DINA V. CH	TABFLLARIA PENESTRATA V. INTERMED									

DC-6 NO. OF POPMS = 54	DIVERSITY	≈ 3.46
	CELLS/RL	PERCENT
NKISTROD	•	.,
MKISTRODESHUS SP. 4	٠	
NKISTRODESHUS SP.		۲.
RIONELLA FORMOSA	٠	6.
LOE-GREEN INKNOWN FIL		٣,
OSTEFICIS LONGIS	10	٠,
TA CHOHOLAN	•	۰،
CLOICLLA ALOGOS	•	•
	•	•
SCHOOL SC	•	•
CLUTELLA RICHIGENT	٠	۰۰
OTOTION OF THE POST OF THE POS	•	•
CLOIECLA TRADOSISELISTA CIOTVII A DO	•	. =
	-	
CLOTELLA TEMPERET	: 6	
MATOPLE UPA SOLEN V. API	0.5	9
A TENUE V. ELONGATHE		9
PRELLATES	٠.	۲.
LATES		Θ.
ARIA CROTO	S	S.
LAPIA INTERMEDI	•	့
S HOLKE	•	ت ا
YSTIS SP.		۲.
TAN GPANG	•	a. L
TO PERSON	: 6	•
THIN ACICULAR		9
HIN BACATA		=
HIN CAPITEL	•	9
HIA CONPINIS	•	?,
HIA DISS	٠	္င
A TH	•	٠, د
TON ATH		? •
HTA SP.	. 0	0.05
OCYSTIS SP		'n
CENEDESHUS BICELLUI		٣,
TEPHANODISCUS ALPINU	•	ų.
EPHANODISCUS ASTRACA	•	٠:
TEPHANODISCUS BINDER	•	* 0
TEFNA ROULNICOS NASTESSICAL PEDENNICATECTOS NEURIFIES	. v	- 0
TEPHRADOTSCOR NO.	, 6	. «
NODISCUS	=	7
TEPHA NODISCUS TENUIS		٣.
URIPELLA ANGUSTA	-	0
THEORA DELICATIS		۳,
YNEDRA PILIFORM	•	٠į٠
INEDRA UNIENFELD		
NEDRA TENER	• •	? ?
YNPDRA ULNA V. CHAS	0	0.09
Z.	•	Š
TOTAL	1005.9	100.0

			NDC. 5-2 NO. OF PORMS # 47	DIVERSITY	3.66
HDC.5-0 : NO.07 FORES = 37	DIVERSITY	= 3.69		CELLS/ML	PERCERT
		8	ANKISTRODESHUS FALCATUS V. MIRABILIS	7.4	0.59
	76/27727	FERCESI	NKISTRODESHUS PALCATU	E.6	0.74
ANALOTECTED SALCALES	ว ว		ANKISTRODESHUS SP. #1	2.6	2 . C
	• •	•	ANKISTRODESMUS SP. #3	7.4	0.59
ANTICIPACION OF THE		· ·	A STERIONELLA PORMOSA	29.7	2,35
ASTERIONELLA FORMOSA	0.61	3.	BLUE-GREEN UNKNOWN PILAMENT	11.1	0.88
BLUE-GEEEN ONKNOWN FILAMENT	2.8	0.19	COCCOMYXA MINOR	113.2	8.97
CHROOCOCCUS SP.	22.3	1.49	CRYPTOHONAS SP.	7.4	0.59
CRYPTORONAS SP.	16.7	•	CYCLOTELLA CRYPTICA	1.9	0.15
	5.6	•		3.7	0.29
	13.9	٠.		3.7	0.29
	2.8	0.19		5.6	3 5 0
	2.8	0.19		7.4	95.0
	p 4.5	2.97		20.4	1.62
CTCLOTELLA STELLIGERA	25.0	1.67	DIATOMA TENUE V. PACHYCEPHALUM	5.6	77.0
PLACELLATES	356.2	23.79	DI NOFLAGSLLATES	1.9	0.15
PRACILARIA CROTONEMSIS	50.1	3,35	PLAGELLATES	339.5	26.91
GLENODINIUR SP.		2.0	FRAGILARIA CROTONENSIS	3.7	0.29
GLOEOCISTAS SP.	- 6	20.0	FRAGILARIA INTERMEDIA	26.3	2.36
THEORIES GRANOLATA	7.61	66.7		5.6	t n • 0
HELDSIKA ISLANDICA	33.4	2.23		5.6	0.44
NA VICULA TRIPUNCTATA	2.8	0.19	GLOFOCYSTIS PLANCTONICA	79.8	6.32
NITZSCHIA ACICULARIS	9.0	0.37	GLORDCYSTIS SP.	7.4	0.59
	7.8	61.0	GREEN PILAMENT, UNKNOWN	9.3	0.74
WITZSCHIA PALZA	2.8	6.0	PELOSIRA GRANTLATA	31.5	2.50
NITZSCHIA SP.	2.8	0.19	۲۵	7.4	0.59
	9.0	0.37	NAVICULA CLEMENTIS V. QUADRISTIGNATA	1.9	0.15
	27.8	1.86		. 6 .	0.15
STEPHANDISCUS BINDERANUS	2,5	0.93	MITZSCHIA BACATA	7.4	0.59
	200	3.16	H	1.9	0.15
	320.0	21.38		6.	3.15
STEPHEN COLOCUS OF	× • • •	5.0	NITZSCHIA SP. #2	3.7	0.29
OFFICE RANDING OF SUBJECT OF STREET	8,4	9.0	OCCYSTIS SP.	11.1	0.88
OFFINA ROULDCOO TANGOLFFYANICOO	0 W	0.37	RHIZOSCIENIA ERTENSIS	1.9	0.15
	ָ ה ני		RHIZOSOLENIA GRACILIS	4.9	0.15
			SCENEDES NOS PICELLULARIS	 	1.47
	•	٠.	ALPINUS	7.4	0.59
TARRETTERMS DECEMBER & TARRESTER	20.0	•	STEPHANODISCUS BINDFRANUS	۵. ۱	0.0
101001101	٦	•		7.4	0.59
F 60 6	4 1001		SULUNIE	296.8	23.53
TVIOT	0 • • • • •		STEPHANDISCUS NIAGARAE	•	0.15
			S.P.	100.2	7.94
			DISCUS TENDIS	7	57.0
			SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	, r	65.0
			STENDITT WATER OF STENDING		60.0
			Y I W		68.0
				F	, ,

100,0

TOTAL

NDC 1-0 NO. OF PORKS # 39	DIVERSITY	3.8 3	NDC 1-1 NO. OF FORMS # 29	DIVERSITY =	3.15
AUTICA SUBSECUTIVA	CELLS/ML	PERCENT		CELLS/RL	PERCER
ANKISTRODESHUS SP. #1	0 ° 0	0.35		3.7	0.57
A STERIORELLA FORMOSA	2 2	- 0		13.0	2.01
CHROOCOCCUS SP.	•	700		4.9	0.29
CRIPTOHONAS SP.	•	0.0		÷.9	0.29
_	n 6	0.52		1.9	0.29
SOURCE STREET		0.52	CYCLOTELLA SP.	13.0	2.01
	5.6	0.35	CYCLOTELLA STELLIGERA	20.4	3, 15
	11.1	69.0		1,9	0,0
	9.0	0.35	PLACEL LATES	118.7	18.34
	22.3	1.38	PRAGILARIA CROTONEMSIS	22.3	44.6
	25.0	1.55	PRACILAPIA INTERMEDIA	27.8	0 7
CITATION DISTRIBUTE OF CONTRACT OF CONTRAC	55.7	3.45	GLOFOCYSTIS SP.	2,5	0.86
	2.8	0.17	PELOSIRA ISLANDICA		0.57
	225.4	13.99	MELOSIRA ITALICA	14.8	2.29
CTORPUTAR OR TOTAL	253,3	15.72	~	6	0.0
		69.0		7.	0.57
SEPTIMENT OF THE STATE OF THE S	253, 3	15.72	NITZSCHIA SPICULOIDES	7.6	0.57
CONTRACTOR STANDS	2.8	0.17	SCENED ESMUS BICELLULARIS	7.4	4
EDITOR TO TO THE TOTAL OF THE T	2.8	0.17	STEPHANODISCUS ALPINUS	7. 4	
TOTOL OF TOTAL STATES	105.8	6.56	STEPHANODISCUS BINDERANDS		9 0
CONTRACTOR TO THE CONTRACTOR T	25.0	1.55	MINUTUS	178.1	27.54
E 150CAL ACTIA	2.8	0.17		166.9	25.79
	5.6	3.35		ó	200
STATUS CORPUTATION OF THE CORPUT	2.8	0.17	SURIPELLA ANGUSTA	-	000
NITESOCIAL OF	5.6	0.35	SYNEDRA PELICATISSIMA V. ANGUSTISSIMA		
DOCEMBER OF	2.8	0.17			
OT THE STATE OF STATE	9.0	0.35	STAFORA OSTENFELDII	0	000
	11.1	69.0		7.	0.57
	128.0	7.94	TABELLARIA PENESTRATA V. INTERMEDIA	5.	98.0
	11.1	69.0		•	•
	203.2	12.61	74704	647 h	000
STREET SOUTS CON MINES	2.8	0.17		•	•
SIERTAND DISCUS SP.	36.2	2.25			
SURER LLA ANGUSTA	5.6	0.35			
SINCORA DELICATIONINA V. ANGONINAMENTA	2.8	0.17			
	-1.1	0.69			
STATORA ULNA V. CHROREME	» «	0.17			
TABFLLARIA PENESTRATA V. INTERMEDIA	66.8	4.15			
TOTAL	1611.4	100.7			

HDC 1-2 NO.OF FORMS = 52	DIVERSITY	= 3. 91				
	CELL S/HL	PERCENT				
AMPRORA DVALIS ANKISTRODESHUS FALCATUS	. m . m	0.50	SERCA ACTON	= 37	DIVERSIFF	= 3,43
ANKISTRODESHUS SP.	2.5	0.37	•			
	14.1	2.11			CELLS/ML	PERCE
ASTERIONFLLA GRACILLIMA	2.5	0.37	ACHANATHES SP.		2.8	0
CHIAMYDOMONAS SP.	104.1	15.72			27.8	8
	2.5	0.93	BLUE-GREEN UNKNOWN FILLAMENT	L M.	2.8	0
CICLOTELLA ATOMUS		21.0	CRYPTORONAS SP.	•	11.1	7.0
CICLOTELLA RUETZINGIANA	3.0	0.0	F		2.8	0
CYCLOTELLA MENEGHINIANA	7:1				60	5,0
CICLOTELLA MICHIGANIANA	2.1	0.37		₹ @0	2.8	0
CTCLOTELLA SP.	121.7	18.27			2 2 2	m
CYCIOTELLA STELLIGERA	2.9	0.44	CYCLOTELLA STELLIGERA		16.7	
CTMATOPLEURA SOLEA	a :	0.06	DIATORA TENUE V. ELONGATUR		2.8	
TENUE	ə (90.0	DI NOFL AGELLATES	•	, e	0
TENUE A.	· •	0.25	EUNOTIA SP.		2.8	0
DIATONA TENUE V. PACHYCEPHALUM	1.2	61.0	PLAGTLATES		169.8	11.
PLAGFLLATES	9 6	D *	FRACILARIA CROTONENSIS		94.6	6.3
PPAGILARIA CAPUCINA		- 6 - 6	н		36.2	2.46
FRACILARIA CROTORENDIA	, c	3 6	SLENDDINIUM SP.		13.9	6.0
CAREN COLONI, DANNONN	o «	78.0	GLOEOCYSTIS SP.		9.69	4.7
TRUCKING CRANCINGS A MACHINES			MELOSTRA GRANDLATA		114.1	7.7
TOTAL VALUE AND USELS TO THE STANDARD	7 - 4	30.0	MPLOSIRA ISLANDICA		41.7	2.8
THE CONTROL TO FULL TO THE CONTROL OF THE CONTROL O		17.62	ACICULARIS		5.6	0.3
LIABLEA SOBSE. SOBANC	9.0	90.0	NITZSCHIA ACTUMLAROIDES		2.8	0.
	, a	9.0			13.9	ē.
-	3 0	90.0			2.8	0
CHARACTER THE CARD AND CARD AN	8	0.12	NITZ SCHIA SP.		5. 8	0
	8	0.87	RHIZOSCLENIA ERITUSIS		2.8	0
·	8.0	0.12	PHIZOSOLENIA GRACILIS		2,8	
OSCILLATORIA SP.	2.1	0.31	SCENEDES HUS OU ADRICAUDA			0
PINKILL SP.	ð.¢	0.06			n .	. ·
PHIZOS CLEVIA ERIENSIS	4.0	90.0	STEPHANODISCUS BINDERANUS		2.6	
	2.1	0.31	OTFFINANCE SCHOOL BANTACAL		C. 4.2	
	8.3	1.24			116.0	
STRP HANDDISCHS BINDERANDS	59.6	8,95	-	INCHAMISATINI		
	10.8	1.62	FILIFORMIS) m	
	69.6	44.00			2.8	0
TEPHANOPISCUS	13.2				5.6	0.3
STEPHENOLISCON TERTLS		9.0	SYNEDRA ULNA V. CHAS RANA		2.8	0.1
Š	- 0	90.0				
ひとしている ひらし しゅうしょく カー・カー・カー・カー・カー・カー・カー・カー・カー・カー・カー・カー・カー・カ	1.2	0.19		TOTAL	1480.6	100.0
	8.3	1.24				
FILIFORMIS	a.0	90.0				
	# (0	9.16				
	m c	0.56				
STEELDAN OLDA		٠,				
TLWA V.	# O	90.0				
TABFLLARIA FENESTRATA	16.6	2.49				
JETOT	666.1	100.0				

NDC 2-1 NO.OF PORMS = 47	DIVERSITY	3.85	NDC 2-3 NO.OF PORRS = 47	DIVERSITY	= 3.28
	CELLS/RL	PERCENT		CELLS/RL	PERCENT
APPRORA REGICTORA	6.	0.0		•	0.31
AMPHORA DVALLS V. PEDICULUS	P. 9	0.10	ANKISTRODESHUS SP.	2.4	0.08
A VALST ROD ES EUS PALCATUS	3.7	61.0	ASTERIONELLA FORMOSA	26.0	1.80
A STER TOWELLA FOR MOSA	59.4	3,35	CHLAMYDOFONAS SP.	438.1	14.09
CRIPTORONAS SP.	17.1	0.57	CLOSTERIOPSIS LONGISSIMA	2.4	0.08
CTCLOTELLA ATOMUS	6 ,	0.10	S	26.8	9.86
CYCLOTELLA MICHIGANIANA	•	0.19		6.47	0.16
CYCLOTELLA OCELLATA	ທ່	0.29		9.1	0.31
CYCIOTELLA SP.	•	3,34		9.7	0.31
CYCLOTELLA STELLIGERA	÷	2.29		1404	45.16
DIATORA TENUE V. ELONGATUR	5.6	0.29		14.6	0.47
FLACSLLATES	4 th 8° 9	23.07	CYMATOPLEURA SOLBA	2,4	
PRAGILARIA CONSTRUENS	22.	1.14	DIATORA TENUE V. ELONGATUR	7,3	0.23
FRACILARIA CROTONENSIS	126.1	9		85.2	2.74
	33.4	•	FRAGILARIA CROTONENSIS	65.7	2.11
CLENDDINIOM SP.	6.	0	PRAGICARIA INTERNEDIA	58.4	1.88
GLOENCISTIS PLANCTONICA	22.3	-	GOMPHONPMA OLIVACETIM	2.4	0
GLOFOCISTIS SP.	39.0	~	GREEN COLONY, UNKNOWN	2.4	0.08
GREEN FILANTAL, CHRNOSE	6.	0	Z.	2° u	0.08
MELOSIRA ISLANDICA	102.0	ഗ	GYRNODINI IIM SP.	2. u	
	137.3	•	MAILONONAS SP.	21.9	0.10
	4.9	0		65.1	2.11
	6.1	0.10	MELOSIPA GRANULATA V. ANGUSTISSIEA	12.2	0.39
	1.9	0.10		97.4	3, 13
NITZSCHIA RPCTA	1.9	0.10	FLOSTRA	158.2	5.09
	7.4	0.38	TIS APRUGINOSA	12.2	<u></u>
NITZSCHIA SP. #2	3.7	0.19	NAVICULA SP.	2.4	0.08
OPERHOPA MARTEL	6.	0.10	NITASCHIA SP.	43.4	٣.
OSCILLATORIA LIMNETICA	3.7	0.19	OCCYSTIS SP.	2.4	٥.
OSCILLATORIA SP.	9.3	0.48	OSCILL ATORIA SP.	2,4	6
SCENEDESAUS BICELLUIARIS	11.1		PHORMIDIUM SP.	7.3	~
SCENEDES 4 OF OTADRICA ODA	7.4	0.38		12.2	0.39
	27.8	1.43	0	6.4	۲.
	27.8	E # .		48.7	1.57
	26	1.33	STEPHANODISCUS BINDERANUS	158.2	5.09
	432.2	22.21		38.9	1.25
STEPHENOUS STEP	60.0	2.0	Σ	34.1	٦.
	2 .	•	STEPHANODISCUS SP.	48.7	ŝ
DIEFERANDIECES TERRITS	D C	D =	SCUS	2.4	့
CIETTO MINISTER AND THE MOLETAN MECON	n c	•	SURINELLA OVALIS	2.4	Ç
DESTRUCTOR ANGUSTS		- •	Sp	2.4	80°0
DISTURN ACCOUNTS A MARTINAL DE MARTINAL DE MARTINAL DE LA MARTINAL DE MARTINAL	- r		0	21.9	0.10
Distriction of a secontrol of the secontrol		7 r	٠, ر	٠,٠	٠,
	; ,		NINEDRA UNIENTEDII	2.5	٥,
SYNEDRA HINA V. CHASEANA	6	•	NEURA FARASA		•
TABELLARIA PENESTRATA V. INTERMEDIA	76.1	. 6	FLLAR	21.9	0.70
		•			
TOTAL	1945.9	100.0	TOTAL	3110.2	100.0

			NDC 4-1 NO.OF PORMS	***	DIVERSITY	3.80
			A STERTONELLA FORMOSA		CELLS/ML 122.4	PERCENT 7.53
MDC 4-0 MO.OF FURBS # 28	DIVERSITY	3.20	COSMARIUM SP.		1.9	0.11
	14/01140	5447000	CRAPTORONAS SP.		24.1	E .
ANKISTRODESMUS FALCATUS	2.8	0.26	CICEDIELES CRIELLOS			
ASTERIONELLA PORMOSA	55.7	5.25			16.7	: 9
CRIPTOMONAS SP.	11.1	1.05			7.4	97.0
CYCLOTELLA OCELLATA	2.8	0.26	DIATORA TENUR V. BLONGATUM		3.7	0.23
CYCLOTELLA PSEUDOSTELLIGENA	8°3	0.79		HALUM	6.	0.11
CYCLOTELLA SP.	19.5	1.84	S		6.1	0.11
CICLOTELLA STELLIGERA	22.3	2.10	FLAGFI, LA "ES		348.7	21.46
DINOPRYON DIVERGENS	2.8	9.26	FRACILARIA CROTONENSIS		11.1	0.68
PLAGFLLATES	244.9	23.10	FRAGILAFIA INTERMEDIA		146.5	9.12
FRAGILARIA CROTONENSIS	27.8	2,62			13.0	0.80
GLENODINIUM SP.	22.3	2.10	GLOFOCYSTIS SP.		77.9	4.19
GLOFOCTSTIS SP.	47,3	9 0	GPEEN COCCOID, UNKNOWN		7.4	97.0
GREEN FILAMENT, UNKNOWN	2.8	0.26	MELOSIRA GRANULATA		27.8	1.71
FELOSIRA GRANULATA	61.2	5.77	MELOSIRA ISLANDICA		18.5	1.14
MELOSTRA ISLANDICA	5.6	0.52	MELDSIRA ITALICA		68.6	4.22
NITZSCHIA DISSIPATA	2.8	0.26			6.0	0.11
NITZSCHIN PALEA	2.8	0.26	ar.		5.6	9.34
	13.9	1.31	d S		1.9	0.11
	13.9	1.31			13.0	0.80
STEPHANODISCUS BINDERANDS	2.8	0.26	NTTZSCHIA TRIBLIONELLA		1.9	0.11
	22.3	2	OOCYSTIS SP.		40.8	2.51
	378.5	•	OSCILLATORIA LIMNETICA		5.6	0.34
	55.7	•	RHIZOSOLENIA ERIENSIS		ę. -	0.11
	m ,	٠.	PHIZOSCLFNIA GRACILIS		3.7	0.23
STEPHANODISCUS TENUIS	5.6	9	STAUPASTRUM SP.		1.0	0.11
MINIOUS ST.	8.7	٠.	STEPHANODISCUS ALPINUS		4.9	0.11
SINFURA ULNA V. CHASEANA	e .	24.0	STEPHANODISCUS BINDERANDS		81.6	5.02
TABFELAKIA FENESTKATA V. LATEKREDIA	r.		STEPHANODISCUS HANTZSCHII		5.6	0.34
			STFPHANODISCUS MINUTUS		163.2	10.05
TOTAL	1060.3	100.0	STEPHANODISCUS NIAGARAE		3.7	0.23
			STEPHANODISCUS SP.		294.9	۲.
			STEPHANODISCUS TRANSILVANICUS	ICUS	3.7	0.23
					1.9	۲.
			THEDRA DELICATISSINA V.	ANGUSTISSIMA	13.0	0.80
			STNEDRA MONTANA		3.7	7
			STNFPRA OSTENPELDII		5.6	٣.
					13.0	0.80
			YNFURA TENERA		1.9	۲.
					1.9	٦.
			TABELLARIA PENESTRATA V.	INTERREDIA	48.2	2.97

1625.0

NDC a-4 NO.OF FORMS = 72	DIVERSITY	≈ 3.95			
ARKISTRODESHUS FALCATUS V. TUMIDUS AMKISTRODESHUS FALCATUS	CELLS/HL 1.9 4.6	PERCENT 0.07 0.18			
AMKISTRODESMUS SP. #1 ASTEPIONFLLA BLEAKELEYI	21.6	0.18 8 48			
ASTERIONELLA PORMOSA	0.06	3.55			
CRYPTOHOUSS SP.	0.0	0.04		•	
CYCLOTELLA CRYPTICA	2.8	0.12	STEPHEND DISCOS ASTRARA	•	
CYCLOTELLA KUETZINGIANA	9.3	0.37	STEPHANOLISCUS BANTISCHII	17.6	
	2.8	0.11	STEPHANODISCUS MINUTUS	436.2	•
	9 .	0.18	STEPHANODISCUS NIAGARAE	6.0	•
CYCLOTELLA OCELLATA	6.0	0.0 0.0	STEPHANODISCUS SP.	232.9	
CICLUSTIA OF	17.6	0.69	STEPHANDISCUS SUBTILIS	6.0	
ρ		20.0	STEPHANODISCUS TRACES	6.5	
PIATOWA TENUE V. ELONGATUM	7.4	0.29	STREAD TO THE AND THE STREAM IN THE STREAM I	π σ	
DIATOMA VULGARE V. BREVE	6.0	0.04) c	
EUGLENA SP.	0.0		SYNFORA DELICATISSIMA	6.0	
PLAGELLATES	670.0	26.39	SYNEDBA DELICATISSINA V. ANGUSTISSINA	9,3	
THRUTTH AND TO CANDOTAL	102.1	4.03 0.03	SYNFORA DEMEPARAE	6. -	
TOWNSTRUCT CHOICE CHOICE TO THE MANUAL PROPERTY OF THE PROPERT	177	5.01	SYNEDRA FILTPORMIS	21.3	
	- 00.0	ر د د د د د د د	STNEDRA OSTENPELDII	6.0	
GLOEOCYSTIS SP.	32,5	60.	ONTO A DESCRIPTION OF A	. ·	
MAILOMCNAS PSEUDOCORONATA	6.0	ηO•0	POPA IINE		
gp an ula ta	72.4	2.85	FDRA	- ¥	
	3.7	0.15	ULNA V.	6.0	
	39.0	1.54	FDRA ULNA V.		
	108.6	4.28	TABFILARIA FENESTRATA V. INTERBEDIA		
NAVICULA RADIOSA	9.6	0.07			
ATTOCHER BETS TO THE TOTAL TO T	o .	0.0	TOTAL	2539.0 10	0
		0.26			
		2 6			
	6.0	30.0			
	2.8	0.11			
	5.6	0.22			
	0.9	\$ C . O			
NITESTAL OF SE	6.1	0.07			
2 - 30 HIA 35 - 42 - 42 - 42 - 42 - 42 - 42 - 42 - 4	2.0	0.22			
ACEPANALL STRUCKSTITUSO	7.67				
OSCILLATORIA SP.	• • • • • • • • • • • • • • • • • • •	- 6			
periorial sp.	6.0	# C • O			
PHOEMIDIUM SP.	1.9	0.07			
	20.4	0.80			
SCENEDESHIE OUADRICADDA					
SINCIA SINCIA UN.	6.0	# C O			
STEERINGOISTAGE ABELIAGE	1.11	D. 44			

NDC 7-3 NO.OF POPMS = 59	DIVERSITY	= 3°9Z	AUC 1-0 MU.UF FUKAD # 08	DIVERSIFY	≈ 3,88.
	CELLS/HL	PERCENT			
ANKISTRODESHUS PALCATUS V. TUMIDUS	0.0	٠	. 0000		A; d
	6°0	G.	STIS SP.	- +	90.0
A NALULENDED TO SEE #1	٠,	٠.	STERIONELL	7.4	0.24
ASTRPIONELLA GRACILLIMA	100		STFRIONFLLA FORMOSA	116.9	3.79
HROOCOCCUS	6.5		TEVOCOCCU	÷	0.08
CRYPTONONAS SP.	15.8	٠.	CRYPTORONAS SP.	1.0 1.0	0.42
	1.9	۲.	VCT OT FLLA	,,,	
CICLOTELLA GLOMERATA		٦.	TOTO: ELLA	•	* v
KUETZINGIANA	6.0	Ç.,	CACLOTELLA MICHIGANIANA	. 4	000
CICLUIDELA DENEGRIALANA V. PLANA	D 1	٠,	TCLOTELLA	76.1	2.47
CICECTER RENEGLIANA	۳.۶		CYCLOTELLA STELLIGERA	6	3.25
CICLOTTLEA TLCHIGANIANA	<u>.</u> ,	٠, ۱	SIS	'n	0.18
	3 Y	,,	A.		0.24
-	·	, .	A an		90.0
DACTYLOCOCCOPSIS SP.				÷	90.0
	8		FLAGELLATES	293.1	9.51
TENUE A.	2.8		PRACILARIA CROTONENSIS	8.	5.90
SP.	0.9	9	FRACILAPIA INTERMEDIA	80.8	1,32
	æ	₹.	FPAGILARIA PINNATA	. t	90.00
PRAGILARIA CAOTONENSIS	02.	, 9 ¢	CLENCHINE OF	•	7.0
	25.1	.70	SECTION OF THE SECTIO	.	***
GLENODINITH SP.	m'ı	.25	SOUTH OF THE SET AND THE SET OF T	- u	٥ ٩
TSTIS SP.		68	AMILIATA	74.7	2 2 2
GREEN SOLITARY ON KROWN	•	90	LANDI	2 2	07.3
CLUSTER ACTUALISM	y . y .		ALICA		4.27
	, <	7 .	NITZSCHIA ACICULARIS		90.0
KERIDION CIRCULARE	•	- ~	NITZSCHIA BACATA	7.4	0.24
RITZSCHIA ACICULARIS	8		DNPINI	1.9	90.0
HITZSCHIA PPICULATA	: 6	90	NITZ SCHIA DIS SIPATA	3.7	0.12
NITZSCHIA BPCATA	2.8	19	Y 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7	0.12
WITZ SCHIA CONPINIS	2.8	19	NITESCHIA FALEA	• ั๋ง	71.0
MITSSCHIA PALSA	o (90'		9	9 6
ALIZANCELA RECUA	ه د د	9.0	•	6-	90.0
MITERCHIA SELCCECEDES	0 Y	٠,	NITZSCHIA SP. #2		0.54
MITZSCHIA SP. #2	, c	10		27.8	06.0
	2 8	6	æ	1.9	9 ù ° 0
PHORRICIUM SP.	0.0	0	- }	2.6	0.18
RHIZOSOLENIA GRACILIS	1.9	_		o. 0	90.0
SCENEDESHUS BICELLULARIS	5.6	m	GE C		9.0
SCENEDESHUS JUADAICHUDA	mi (~	TOTALL		1,20
SPHAEROCISTIS SP.	D 0	ی د	INDERAND	: :	2.59
ATTENDED TO THE PROPERTY OF TH	÷ ~	סיע	STEPHANODISCUS HANTZSCHII		3.4
STRUBLINGS SENDENCES	•	٦α	INC	:	31,31
STEPHANODISCUS MINUTUS	80	7	D.	244.9	7.95
STEPHANODISCUS SP.	212.5		US SUBTI	<u>.</u>	0.36
STEPHA NODISCUS SUBTILIS	10.2	ø	S PENUIS	M 4	00.00
STEPPANODISCOS TENDIS		3	2		
VIETTA NUULUU II KARALLUVANICUS AVKADDA DATATAATAAK VARAMAAAAAAAA	- o		SYNEDRA DELICATISSIMA V. ANGUSTISSIMA		99.6
FILIFORMIS		0 1	FORMIS	•	0.54
STREDRA SP.	3	-	YNFDGA	o. •	9.0
STATURA TEXTOR			A V. CHAS	3.7	0.12
INDELLARIA FENESTRATA V. INTERREDIA ULOTHRIX SP.	52.0 0.9	3.53 0:06	ELLARIA PENESTRA		6.50
			100	3081 3	5
TOTAL	1470.9	100.0		• • • • • • • • • • • • • • • • • • • •	>

SDC.5-0 NO. OF FORMS # 41	DIVERSITY	# 4.45	SDC.5-2 NO.OF FORMS = 48	DIVERSITY	3.70
				CELLS/RL	PERCENT
	CZIIS/HI	PERCENT	ANKISTRODEMUS GRIIFACTUM	5,6	0.51
ANKISTRODESHUS PALCATUS	11.1	1.29	SHE CLIEB SH		15.0
ANKISTRODESHUS SP. #1	16.7	1.94	NATURAL CONTROL OF THE CASE OF		, -
ASTERIONELLA FORMOSA	50.1	5.83	MATCH TO DESCRIPTION FOR CALL		•
BLUE-GREEN UNKNOSH PILLANEAR	-	1 20		2 6	•
OU VANCECEALED				÷,	•
5 T T T T T T T T T T T T T T T T T T T	, ,	0.0	A STEP TOWELLA FORMOSA	33.4	3.75
	•	0.97	BLUE-GREEN UNKNOWN FILAMENT	5.6	ŝ
	m 20	0.97	CHICROCOCCUM SP.	3.7	۳.
	'n	0.65	CLCSTERIOPSIS LONGISSIMA	1.9	۲.
	16.7	1.94		7.4	
	2.8	0.32		6	α
CTCLOTELLA PSPUDOSTELLIGERA	22.3	2.59		•	•
	36.2	4.21			•
t/s	55.7	6.07			٠.
FRAGILARIA CROTONENSIS	25.0	2,91	CICLOIBLE OCTLIATA	7.6	
PREGILARIA INTERMEDIA	· ·	•		, y	r. c
GI END DINITH SP.	ָרָרָ ס	•	CYCLOTELLA STRLLIGERA	20.4	φ,
		•	E	6.5	-
	7.0	• '	S	6.	_
	2.7	77 (DIATORA TENUR V. BLONGATUR	1.9	0.17
THE CONTRACTOR AND THE STREET	111.3	٥.	DINOBRYON SP.	5.6	0.51
BELONINA INLANDICA	16.7	6.	DINOPLAGELLATES	1.9	0.17
NAVICULA LANCEGLATA	2.8	•	FLAGELLATES	296.8	27.12
	5.6	9	PRAGILARIA CROTONEMSIS	31.5	2.88
	11.1	?	GLENODINIUM SP.	8 3	· "
NITZSCHIA CONFINIS	2.8	0.32		22,3	•
NITZSCHIA PALEA	2.8	0.32			
	11.1	1.29	1	6 B B	
	2,8	0.32			
	27.9	3.24	CHACKET BETTER	• •	·
STPPHANODISCUS HANTZSCHII	30.6	3,56		•	٠.
STEPHANODISCUS MINUTUS	105.8	12.30	201111		- 4
	9.5	59.0		p c	- 1
STEPHINODISCUS SP.	36.2	B. 2.1	TIESCHIA SPICOLOLUS		- 4
	2.8	0.32	27.0		^ -
STEPHA KODISCUS TRANSILVAMICUS	5.6	0.65			٠,
	8,3	•			•
	2.8	0.32	STEPHANODISCUS ALPINUS		2
	5. 8	•	TEP HANDDISCUS	20. 4	1.96
STREET TONGER	2.8	0.32	STEPHANDISCUS HANTZSCHII	13.0	1.19
SINEDRA JUNA	5. 8	0.32	T PP HANODISCUS	280.1	25.59
STAFDRA ULNA W. CHASEANA	5.6	•	TEPHANODISCUS SP.	6	8,31
TABELLARIA PENESTBATA V. INTERMEDIA	91.8	10.68		Š	0.51
			YNEDRA ACUS	1.9	
TOTAL	859.9	100.0	YNEDRA	14.8	٣.
			YNFDRA FILTFORMIS	3.7	~
				3.7	٣.
			STATION TENERA	5.6	0.51
			SYNEPRA ULNA V. CHASEAMA	1.9	0.17

SDC 1-0 NO.OF FORES # 47	DIVERSITY	3.88	SDC 1-1	NO.0F PORHS = 37	DIVERSITY	ITY = 3.40
	CELLS/HL	PERCENT			CELLS/	PERCE
ANKISTRODESHUS SP. #3	11.1	0.38	ANKISTROPES	NKISTRODESHUS PALCATUS	-	0.1
A STERIONELLA PORMOSA	203.2	6.87	A STERIONELLA FORMOSA		31.	
CHROCOCCUS SP.	5.6	0.10	COSMARIUM S		÷	
COSCINODISCUS TUBRRCULATUS	2.8	0°0	CRUCIGENIA OUADRATA	OUADRATA	14.	
CRYPTOMONAS SP.	8,3	0.28	AS SENOROLLAND		6	
CICIDIELLA ATOMUS	2.8	0.09	CYCLO"FILA CRYPTICA	CRYPITCA	1.9	9 0.18
CYCIOTELLA CRIPTICA	1.1	0.38	CYCT OT PLT. A	AMALONI STALK	•	
	13.9	O.47	WILLIAM TOWN	######################################		
CYCLOTELLA MICHIGANIANA	5,6	0.19	CICLOI ELLA		2	
CYCLOTELLA SP.	30. K	1.03	CICLUIELLA SE.	0.000	, 1	
	00	0.47	CICIOTELLA MINERAL	SISELICERA STREET STATES	•	
かけんけい ひょうしょう しょうしゅう かんしょうしょう かんしょうしょう ひょうしき ランド・マーク マーンのと コント・マーク しょうしょう	2.8	60.0	DIATORA TEN	DIATORA TENUE V. ELONGATUR	- 0	•
CIRCOUNT LONGS TO THOUSENED TO THE CONTROL OF THE C	. 6	60.0	FLAGFLLATE			_
	* * * * * * * * * * * * * * * * * * *	8 6	FRACILARIA	CACTON BAS IS		
	22.5	71.57	FR AGIL AFIA	INTERMEDIA	.,,	
			GLENODINIUE	2.00	- 6	
FERGICARIA CAPUCIAN	1	70.4	GLOFOCYSTIS	SP.	77.	
FRAGILATIA CROHORESIS	202.9	0.40	MELOSIRA GRANDLAT	SANGLATA	<u>.</u>	
FRACILARIA INTERBULA	, ,	- 6	RELOSIRA I	ISLANDICA	•	
GLENODINIUM SP.	6 7 7 6	C 4	MPLOSIRA II	ITALICA	70.	
GLOCOCYSTIS SP.	4.27	C n • 7	NITZ SCHIA	ACICULARIS	-	
PPLOSIPA GRANULATA	136.4	19.61	NITZSCHIA	BACATA	'n	
	172.5	5,83		PALEA	-	
		0.19	NITZSCHIA	SP.	-	
NITZSCHIN BACATA	27.8	46.0	NITZSCHIA	SP. #12	-	
NITZSCHIA CAPITELLATA	2.8	0.0	ATHORNER		: 🚅	
	2.8	60.0	TO STECATOR	_		
	5.6	0.19	OCCIONO STA	4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	, r	
	2.8	0.09	1000001114 10000001114	4	֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	
さいようひん コード・ロード・ロード・ロード・ロード・ロード・ロード・ロード・ロード・ロード・ロ	9.50	0.19	STEP HANGILLSCUS	SCUS ALFINDS	- 0	
STORES OF SELECTION OF THE SELECTION OF	8 6	0	STEPHANOUL	SCUS HANGSCALL	- 6	
	, v		STEPHANOPI		200°	
	, ,	, ,	STEPHANODI	SCUS NIAGARAE	ř.	
STEPHANCOLOGIS ALFLACO	• •		STEPHANODI	SCUS SP.	294.	
	•		STEPHANODISCUS	SCUS TENUIS	r (
STEPHANDLOCUS BINDERAND	7 - 60		STEPHANODISCUS	TRANSILAN	m' ·	
	ָר בְּיִי בְּיִיבְיִי	07.4	SYNFPRA DE	SYNFPRA DELICATISSINA V. ANGUSTISSINA	•	
	- 6	00.0	NEDRA	PELDII	- 1	0.18
STEPHANODISCUS SP.	7.00		TABFLLARIA	FENESTRATA V. INTERREDIA	16.	
STEPHANODISCUS TENGIS	V . C .			TOTAL	AL 1024.0	100.0
STEP HANDDISCUS TRANSILVANICUS	•	00.0				
	- 0	000				
	, r	0.0				
	່ເ	` c				
STATUS NA.	•					
	13.9	7 2 2				
STEERS OF STREET ASSESSED ASSESSED BY TANKERSONS	665.1	22.48				
7 10 7	`) • • •				
ISTOT	2958.3	100.0				

SDC 1-2 RO.OF FORMS = 51	DIVERSITY	= 3.61				
ACHWANTHES SP.	CELLS/ML	PERCENT 0.11				
AMPHIPRORA CRNATA ANKISTRODESKUS FALCATUS	7.9	0.11	SDC 2-0	NO.OF FORMS = 33	DIVERSITY	rr = 3.48
ANKISHRODESHIS SP. 44	3,7	•			CELLS/E	L PERC
CEUCIGENIA APTOLIATA	: :	. =	P. WKIST RODES	US SP.	2.8	01
CRYPTORONAS SP.		.2	STERION FLLA	A POR	33.4	٠,٠
	1.9	-	CALPTONOARS	_	2.8	. ~
CYCLOTELLA KUETZINGIANA	m •	٠,٠	CYCICTELLA	CRYPT	8	6
CICLOIGUE GICHIMANIANA CYCLOTELLA OCELLATA	. e.	٠,	CYCLOTELLA	MENEGRINIANA	2.8	m:
CYCLOTELLA SP.	22.3	: ~	CYCLOTELLA	SP.	22.3	3,4
CYCLOTELLASTELLIGERA	18.5	٣.	OT CLOTELLA	STELLIGERA	6.6	٠,
	 	0.23	FLAGELLATES		50.1	2
PLACE LATER V. PACHICEPHANCE	9.5.0	70	FRAGILARIA	CROTOMENS IS	136.4	9
PRAGILARIA CROTONENSIS	;=		GLENODINI UM	Sp	ທີ່ເ	٠,٠
FFACILAPIA INTERMEDIA	3.7	~	GLOEOCISTIS METOCIES CES	IS SE.	0.00	- u
	٠, د.	٠	MELOSIBA IS	LANDICA	36.2	
CECECTUALLY NE.	2.10	٠, ۲	NAVICULA LI	LANCHOLATA	2.8	۳.
CANDA COLOCOLO CONTRACTO C	. r.		NITZSCHIA 1	BACATA	11.1	
H?LOSIPA GRANDLATA	. 90 . 60	: ~:	NITSCHIA	DISSIPATA	2.8	۳,
RELOSIRA ISLANDICA	6	7	NITZSCHIA PA	3 -	o w	ب د
	48.2	σ,	RHOTCOSPHENTA	TA CORYAN	2.8	. ~
NAVICULA TPIPUNCTATA	e. •		SCENEDESKUS	SBICELLILARIS	5.6	9
STITEST DESCRIPTION		- 6	STEPHANODIS	~	19.5	٦.
	; -	•	STEPHANODISCUS		2.8	٥٠3ن ٥٠3ن
NITZSCHIA SP.	1.9		STEPHANODIS	COS BINDERANOS	œ,	٠, د
RITZSCHIA SP. #2	5.6	~	STEPHANODISCUS			, r
OSCILLATORIA LIMNETICA	ۍ د د	٣.	STEPRENONISCUS		75.	
SCENSDESSUS BICBLICIARIS	÷.	= -	STEPHANODIS	CUS TE	2.8	٣,
STATEMENT OF THE PROPERTY OF T			STEPHANOPI	LVA	ທີ	٠,
	66.8	٠.	SYNEDRA DEI	ELICATISSIMA V. ANGUSTISSIMA	ທີ່ເ	œ٠
STEPHANODISCUS HANTZSCHII	= ;	·	NEDRA T	-	80.00	06.0
STEPHENODISCUS MINUTOS	371.0	٠, ٥		£		•
STEPHENODISCUS SUBTILIS	<u>;</u> -:			CH CH	TOTAL 929.5	100.0
STEPHANOPISCUS TENUIS	1.9	۳.				
PISCUS TRANSILVANICUS	3.7	•				
SYNEDRA DELICATIONER V. BAGGSFINSTER Synedra bilthorats	0. V	0.57				
		•				
TIODES OSTENEEDII	5.6	٣.				
	5.6	•				
CANTORA CLUS & CHARLOS CONTROL OF	6.0	•				
o.	6 00 10 00 10 10 00 10 0	2.98				
	; - :					
INTOT	1617.6	100.0				

SDC 2-1 NO. OF FORMS # 40	DIVERSITY	3.6 2	SDC 2-3 NO.OF PORMS # 46	DIVERSITY	3 .85
	TH/ U L L D C			CELLS/HL	PERCENT
	7 7	50.0	ASTERIONFLIA PORMOSA	77.9	s.
	-		COSMARION SP.	1.9	0.15
	. "	0.10	CPUCIGENIA OUADRATA	7.4	0.63
	2 4	٠,	CHYPTOMONAS SP.	22.3	1.88
200	9 2 2 2		CYCLOTELLA KUETZINGIAMA	1.9	0.16
CHLEMY DURINAS SP.			CVCLOTZLLA SP.	9.71	1.25
CHIPTORONAS SP.	֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֖֓֞	- 6	MARCH CLARK TILEFOLDS	11.1	6
OTCIOTELLA SICHIGANIANA	٠,٠ ١,٠		ATTENDED OF THE CONTRACTOR		2,0
CYCLOTELLA OCELLATA	÷	0.10		•	
CYCIOTELLA SP.	847.4	26.32	DINOFLACELATES	٠,٠	0.0
CYCLOTELLA STRILLGERA	36.4	1.13	FUCLENE SP.	•	0.19
STATE STREET A STORESTEE	5.0	0.15	PLAGELLATES	300.5	25,35
	6.6	0.31	FRAGILARIA CROTONENSIS	11.1	76.0
	18.2	0.57	FRACIL ARIA INTERMEDIA	31.5	2.66
TONGROUP TOTAL COLOR	192.0	5.96	GLENODINIUM SP.	5.6	0.47
SELECTION OF SELEC	0.0	0.15	GLOSOCISTIS MAJOR	3.7	0.31
	6	0.31	GLOFOCYSTIS SP.	31.5	2.66
AND CONTRACT OF A CONTRACT OF		0.26	CREFN FILAMENT, UNKNOWN	1.9	0.16
1017 VD172	478.3	14.86		5.6	0.47
	344.7	10.69	MFLOSIRA ITALICA	55.6	4.69
CHECOLER LINELOR CODOR - CODRECTOR	7.7	20.0	MITZSCHIA ACUTA	1.9	0.16
-	ď	2.10	NITZSCHIN BACATA	3.7	0.31
MINDONE DESCRIPTION OF THE PROPERTY OF	2		_	5.6	0.47
				1.9	0.16
USCI LLATURIA S.P.	-			6.6	0.16
PHOEFILDION SP.	- 0		ů	6	0.16
MILZOS OLEMIA ERIEBOIS	7.7		S P	16.7	1.41
			9	16.7	10,1
STEPHANODISCUS ALPINUS	2.20	ъ.	さい こうしょう こうしょう こうしょう こうこうこう こうこうこう こうこうこう こうしょう しょうしょう しょうしょ しょうしょう こうしょう こうしょう こうしょう かんしょう かんしょう かんしょう かんしょう しょうしゅう しょうしょう しょく しょうしょく しょうしょく しょくしょく しょくしょく しょく しょく しょく しょく しょく しょ	-	9
STEPHANODISCUS BINDERANDS	208.5	α · · · ·			
STEPHANODISCUS HANTZSCHII	54.6	0/.1	REIZCOURS A GERCLELO		- 6
STEPHANOPISCUS MINUTUS	_	8°8#			40.0
STEPHANODISCUS SP.	a . 48	2.62	•	600	
STEPHANODISCUS TRANSILVANICUS	21.5	0.67		7.	
SURIPELLA OVALIS	1.7	0.05	STEPHANOPLECUS BINDERANDS	70.4	7.1
SUPIERLLA SP.	1.7	0.05		7.5	0.37
SYNEDRA DELICATISSIMA	8.3	0.26	SULUNIE	6.991	80.91
STAPPRA DELICATISSIMA V. ANGUSTISSIMA	26.5	0.82	7	6.	0.16
SIMBOSTILA	6.6	0.31		170.1	14.40
	9.9	0.21	STEPHANODISCUS TRNUIS	6.	0.16
	31.4	96.0		3.7	0.31
	34.8	1.08	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	13.0	1.10
				7.4	0.63
TOTAL	3219.0	100.0	C	5.6	0.47
				5.6	0.47
				o.,	0.16
			STREDRA ULNA	3.7	0.31
			TABELLARIA FENESTRATA V. INTERMEDIA	6.49	ກ. ສຸ

SDC 4-1 NO.OF FORES = 34	DIVERSITY	= 3. 36	SDC 4-3	40.0F PORRS # 38	DIVERSITY	= 3.52
	CELLS/ML	や世界の世界は			CELLS/AL	PERCENT
ANKISTRODESHUS SP.	8.3	0.54	ANKISTRODESHUS SP.		P. 9	9.22
ASTERIONELLA FORMOSA	13.2	5.87	ASTERIOWELLA FORMOSA	FORMOSA	9.3	01.1
CHIAMINDOMONAS SP.	114.2	7.51	CRYPTORONAS SP.	°a,	18.5	2.19
CRYPTOHONAS SP.	6.6	0.65		ETZINGIANA	2.6	99.0
CYCLOTELLA KUETZINGIANA	1.7	•	CTCLOTELLA MI	MICHIGANIANA	S. 5	9.66
CACLO SICE MICHIGANIANA	1.7	11		PS EUDOST ELL IGERA	1.9	0.22
	1.7		CYCLOTELLA SP.	•	18.5	•
	572.6	37.65	CYCLOTELLA STELLIGERA	ELLIGERA	37.1	4.39
	7.7	60.	DIATORA TRNUE	V. PACHTCEPHALUM	7.4	0.88
DIATORA TENDE W. RIONGARDE			FLAGFLLATES		163.2	19.30
THE TAX AND THE TA		0.22	PPAGILARIA CROTONENSI	OTONENSIS	37.1	4.39
FRACILARIA CPOTONENSIS	24.5	. 3	PRAGILARIA INTERMEDIA	TERMEDIA	5.6	0.66
TOART INTERMEDIA	6.7.9	ם ים		SP.	3.7	u n • 0
MELOSIRA GPANOLATA	13.2	0.87	GIOFOCYSTIS M	3AJOR	4.9	0.22
MELOSIRA ISLANDICA	192.0	12.62	GLOEOCYSTIS SP.	P.	20.4	2.41
MELOSIRA ITALICA SUBSP. SUBARCTICA	150.6	06.6		TCA	44.5	5.26
NAVICULA COSTULATA	1.7	0.11		ACICULARIS	1.9	0.22
		0.22		CUTA	1.9	0.22
	6	0.65		AMPHICEPHALA	1.9	0.22
COCYSTIS SP.	1.7	0.13		A-7	7.4	0.88
BHIZOSOLSHIM BRIENSIS	6 6	0.65		CONPINIS	1.9	0.22
RHIZOSOLENIA LONGISETA	6	0.33	_	#2	3.7	0.44
STEPHANODISCUS ALPINUS	26.5	1.74	COCKSTIS SP.		16.7	1.97
いことを発行される。 いこうごうこうごうごうごうごう	6.79	מי מי	STEPHANODISCUS	S ALPINUS	5.6	0.66
	13.0	7.8	STEPHANODISCUS	S BINDERANDS	3.7	77.0
	40.7	2,94	STEPHANODISCU	S HANTZSCHII	6.3	1.10
	71.2	× ×	STEPHANOPISCU	S MINUTUS	228.2	26.97
		1.0	STPPHANODISCUS	S NIAGARAE	3.7	5 7 7 0
	60	0.54	STEPHANODISCUS	s sp.	146.5	17.32
		9.22	STEPHA NODISCUS TENUIS	S TENUIS	1.9	0.22
SYNEDRA DELICATISSINA V. ANGUSTISSINA	9	20.0	SURIRELLA ANGUSTA	USTA	4.9	0.22
OSSENDED		0.33	STNEDRA DELICATISSIMA	ATISSIMA V. ANGUSTISSIMA	3.7	77.0
	26.5	1.78		FILIFORMIS	1.9	0.22
THE STATE OF STATES OF STA) a		SYNFORA OCTEN	OCTENFELDII	3.7	0.44
orester the second of the seco	•				5.6	0.66
14 FOF	1520.9	0.001	SYNEDRA TENER	4	5.6	0.66
		•	SYNFORA ULNA		1.9	0.22
			TABFLLARIA FENESTRATA	NESTRATA V. INTERREDIA	5.6	99.0
				TOTAL	845.9	100.0

SDC 4-4 NO.OF POEMS = 37	DIVERSITY	= 3.80	SDC 7-1 NO. OF PORMS = 41	DIVERSITY	4.16
	18/01/45	420000		CPLLS/ML	DERCENT
	16.7	2.38	A STERIONELLA PORMOSA	35, 2	4.07
なりのこと こうままれてい マー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	20.00				0.21
			Ų	·	0.64
CALPI COCKAD DIF.	- (•			
	6.6	٠,	CICLOTTLE RESIDENTALA	n C	
CICIOTELLA SP.	3.7	ŝ	CICLOT FLLA G. CALGANIANA	- 1	
CYCLOTELLA STELLIGERA	24.1	3.44		7.	0.86
DIATONA TENUE V. ELONGATUR	3.7	0.53	CICLOTELLA SP.	1.9	~
PLACELLATES	113.2	•	CYCLOTELLA STELLIGERA	3.7	0.43
PARCILARIA CROTONENS IS	6.1	0.26	CYMATOPLEURA SOLRA V. APICULATA	1.9	0.21
SHOUSE STATE STATE OF	7.4	C	DIATORA TENUE V. ELONGATUR	3,7	0.43
	7.4	٠,		92.8	10.71
SOCIETY FRANKLING SAPACE		0.26	FPAGIL APIA CAPUCINA	96.5	11.13
WECKER WEST TOO KEARE	7.7	0,53	PRAGILARIA CROTONENSIS	13.0	1.50
STEEL STEEL TOTAK TOTAK TOTAK	48.2	88.9	RAGII. ARIA	40.8	4.71
	6.119	9.06	GLENODINIUM SP.	3.7	0.43
AF ACATA BACK AT A	6.	0.26	GLOFOCYSTIS SP.	27.8	3.21
A TOUTHWOM A THUNKELIN	3.7	0.53	GPEFN COCCOID, UNKNOWN	1.9	0.21
	6	0.26	GREEN FILLMENT, UNKNOWN	3.7	0.43
	1	90	IRA ISLANDICA	29.7	3,43
		30.0	PLOSIBA ITALICA	96.5	•
ましたをなるました っぱんしくしょうしょうし			SNATON ANTONIA	11,1	1.28
COLUMN TOTAL			~	3.7	•
			BACATA	11.1	. `
CARDINACONTO ATOMATO				•	
		77			
	22.3	3.17	THE STATE OF THE S	•	٠,
	159.5	22.75	HIZUSOLENIA	n t	7.
	1.9	0.26	HIZOSOLFNIA GR	3.7	. ·
	92.8	13,23	TEP HANODISCUS	26.0	9
STEPHANCDISCUS SUBTILIS	3.7	0.53	STEPHANODISCUS BINDERANDS	13.0	1.50
SIDNAL SCOS TENDS	1.9	0.26		18.5	2.1
STEPHANODISCUS TRANSILVANICUS	1.9	0.26		170.7	19.70
STREDRA DELICATISSINA V. ANGUSTISSINA	3.7	0.53		80.8	•
SYNEDRA FILIFORMIS	7.4	1.96		3.7	0.43
SYNFOFA OSTENPELDII	3.7	0.53		S)	•
	1.9	0.26	STEPHA MODISCUS TRANSILVANICUS	16.7	1.93
SYNEDRA TENERA	1.9	0.26	SURIRELLA ANGUSTA	1.9	?
TABELLARIA PENESTRATA V. INTERMEDIA	24.1	3.44	ACUS	3.7	₹.
			TNEDRA	7.4	Œ
TOTAL	701.2	100.0	TNFDRA F	7.4	٠.
			SYNFORA DSTENFELDII TABELLARIA PENESTRATA V. INTERMEDIA	33.4	0 4 5 3 85
			TOTAL	866.3	100.0

			SDC 7-5 NO. OF TORMS # 45	DIVERSITY	3.50
				CELLS/HL	PERCENT
		•	ANAISTRODESAUS PALCATUS V. MIRABILIS	6.0	0.10
SOC 1-3 ROLON ROSE R 32	DIVERSITY	= 3.37	ANTISTRODESMUS PALCATUS	ນ. ເ	0.60
			A SALAL MODERNING SALA AL	· ·	ē .
ACHMANTHES SP.	4675437	FERCENT O D.	ACLEATION DOUGH TO SECURE OF THE SECURE	- ' '	n 6
A STUPLICA PORROSA	, ,	7.0	SOCIAL THEORY OF THE PUBLIC	· •	0.20
Cat Part of a transfer	- 6		TOTAL TAR STANK	5	0.20
CONTRACTOR OF THE CONTRACTOR O	6.6	0.62	CRIPTOHONAS SP.	9,3	1.01
Chean Dongas of	144.0	9,05		9.4	0.50
COURANTED OF	1.7	0.10		0.9	0.10
CHIPTO RON AS SP.	18.2	1.14	CYCLOTELLA OCELLATA	1.9	0.25
	3,3	0.21		. at	0.91
CTCLOTELLA SP.	628.9	39,54		12.1	9 6
CTCLOTELLA STELLIGEPA	3,3	0.21	22	6.	0.20
DIATORA TENDE V. ELONGATUR	6.6	0.62		6.0	0,10
FLAGFLIATES	61.2	3,85		252.4	27.39
FRACILARIA CROTONENSIS	74.5	4.68	FRAGILARIA CROTONENSIS	120.6	13,00
FRAGILARIA INTERMEDIA	21.5	1.35	FRACILARIA INTERMEDIA	27.8	3.02
GREFF COLONY, DNWNOWN	1.1	0,10	GE ENDINIUM SP.	7.7	04.0
FLOSIRA ISLANDICA	135.7	8.53		13.9	
ESLOSIRA ITALICA SUBSP. SUBARCTICA	115.8	7.28	GREEN PILAMENT DAKNOSK	6	0.20
VITZSCHIP SP.	31.4	1.98	HELOSIRA ISLANDICA	8.2	1,61
OOCYSTIS SP.	1.7	0.10	MEIDSIRA ITALICA	31,6	3, 42
PHITOSOLENIA PRIPASIS	1.7	10	NISSERIA ACTOULAROTORS		
RHI70SOLEHIA LONGISETA	60	65.0	STATE ALTONOMY	֝ ֓ ֡ ֡	
STEPHANODISCUS ALPINUS	6	200	DISCIPATE W		
STEPHANODISCUS BINDERANUS	400	76.7	Distraia Ve	٠. د د	
		9 6	SILESCRIA ST.	8.7	0.30
	7	2 e e		10.2	
	8.67	1.87	USCILLATORIA SP.	0.0	o.15
	43.0	2.71		6.0	0.10
CHRISTIAN DE LA MOLLE MANICOS	1.7	0.10	RHIZOSOLENIA GRACILIS	a. 8	0.91
CONTRACTOR OF THE STATE OF THE	1.7	0.10	SCENF DESMUS BICELLULARIS	7.4	0.81
CAREDDA DISTRIBUTED TO A ANGUSTISSIBA	13.2	0.83		7.4	0.81
	0	5.31	STEPHANODISCUS BINDERANDS	2.8	0.30
	9.9	0.42	STEPHANODISCUS HANTZSCHII	11.1	1.21
or.	38.1	2,39	STEPHANODISCUS MINUTUS	220.9	23.97
CALLEANIA TENESTRATA	21.5	1.35	STEPHANDISCUS SP.	54.8	5.94
			STEPHANOPISCUS TENDIS	1.9	0.20
TOTAL	1590.5	100.0	STEPHANODISCUS TRANSILVANICUS	6.0	0.10
				0.0	0.10
			SYNFORA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.40
			STANDRA FILIPORMIS	5.6	09.0
				6.0 0	0.10
			TENERA	2.8	0.30
			SYNEDRY ULNA V. LONGISSIMA	6.0	0.10
			TABLICARIA FENESTRAFA V. INTERBEDIA	٥. ٥	0.60

100,0

TOTAL

DC-2	NO.OF FORMS = 62 COUNTED BX: D.R. METHOD: SETTLE-FRERE	DIVERSITY	= 3.40			
		- (1			
			1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+ C + 2 + 2 + 2 + 2 + 2	•	
ANABAENA FLO	FLOS - NOURE	14.0	9.78	NITESCHIA SCACULARRES	. ·	•
ANABAENA SP.	SP + 2	1.9	0°04	NITZSCHIA CONFINIS	e.9	0.2
RNKTSPRODERIN	ANKISTRODEMUS GELIFACTUM	7.4	0.16	NITZSCHIA PALEA	1.9	•
SINGE GON LEVINE	# "do sol		0.04	NITZSCHIA PALEACEA	9.3	0.2
WII YOR COMPONENT AND			0.08	NITZSCHIA SP.	3.7	
MUCEUCE STIFFICHOUSE		. •	_		29.7	9.0
BORODINALLA POLYZERAS	POLYISISAS	m	0.08	OSCILLATORIA SP.	7.4	
CHARTO PEL TES	OBSICULARIS	1.9	₩¢•0	PERIDINIUM SP.	11.1	0.2
CHROCOCCUS DISERSUS	nrsesus.	11.1	0.24	SCENEDESKUS PICFILULARIS	.7.8	0°6
COCCOHYX C	CUCCOIDES	92.8	2.03	SCENEDES MUS DENTICULATUS	7.4	0.1
	0	3.7	80°0	SCENEDESMUS FALCATUS	7.4	0.1
•	RUNCATA	29.7	0.54	SCENEDESAUS QUADPICAUDA V. LONGISPINA	37.1	•
	COMTA	1.9	40.0	SCENEDESHUS QUADRICAUDA	37.1	0.3
	CRYPTICA	31.5	0.58	SCENEDESHUS SP.	29.7	9.0
	KUE TZINGIANA	16.7	0.36	CONSINEN	7.4	•
	NENEGHINIANA V. PLANA	1.9	ηC•0	SPHAFROCYSTIS SCHROETERI	11.1	0.2
		23.4	44.0	STAURA STRUM SP.	1.9	•
	MICHIGANIANA	31.5	0.68	STEPHANOPISCHS BINDERANUS		0.5
	SP.	435.9	9.42	STEPHANODISCUS MINUTUS	ហំ	0.1
	STELLIGERA	g	10.75	. P.	14.8	0.3
DIATOMA TENUE V.	UE V. ELONGATUM	1.9	0.04	STEPHANODISCUS SUBTILIS	64.	1.4
DINOBRION SC		1.9	9.04	TENDIS	1710.3	36.9
	N. I.	7.4	0.16	SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.0
FLAGELLATES		0°68	•	2.		0.0
FRAGILARIA CEOTONENSIS	CROTONENSIS	144.7	3.13	CHASEA	1.9	0.0
GI, ENODINI UK	Sp.	11.1	•	TETRAECRON CAUDATUM V. LONGISPINA	1.9	0.0
GLOFOCYSTIS		463.8	•	TETRAEDRON SP.	5.6	0.1
GREEN COCCOID, UNKNOWN	ID, UNKNOWN	42.7	•	TETEAECRON TRIGONUM	1.9	•
KIRCHNERIELLA SP.	LA SP.	11.1	•	TETRAEDRON TUMIDULUM	1.9	0.0
MARSSONIELL	A ELEGANS	;	., 2			
		525.0	m'	TOTAL	4626.4	100.0
	GRANILATA V. ANGUSTISSIMA	5.6	•			
NAVICULA SP.	•	1.9	7C 0			

3.06	PRRCENT C C C C C C C C C C C C C C C C C C C	0.00
DIVERSITY =	CELLS/EL 16.7 16.7 16.7 11.7 11.7 11.7 10.0 10.0 10.0 10.0 10	635.0
NO.OF PORMS = 24 COUNTED BY: E.K. RETHOD: SETILE-FREEZE	ASTERIORAL SP. ASTERIORAL SP. ASTERIORAL SP. BLUF-GREEN UNKHORN CELLS BLUF-GREEN UNKHORN CELLS BLUF-GREEN UNKNORN CELLS CHLARY DOYONAS SP. CHENCYCLOTILLA FORUS CYCLOTILLA FORUS CYCLOTILLA MURTINGIANA CYCLOTILLA MURTINGIANA CYCLOTILLA MICHIGRA CYCLOTILLA SP. CYCLOTILLA SP. CYCLOTILLA SP. CYCLOTILLA SP. CYCLOTILLA SP. CYCLOTILLA SP. CYCLOTILLA ST. CYCLOTILLA SP. FLAGSILAR SP. FLAGSILAR SP. FLAGSILARIS SP. FRAGILARIS SP. GREEN SOLITARY, UNKHORN GREEN SOLITARY, UNKHORN GREEN SOLITARY, UNKHORN GREEN SOLITARY, UNKHORN ACLOCITA ARNULATA ACLOCITA ARNULATA ACCOCITA ARNULATA ACCOCITA GRANULATA ACC	CELLS/HL PERCENT 1.7 0.79 0.8 0.79 16.8 15.87 2.5 2.38 5.9 5.56 2.5 2.38 5.0 4.76 1.7 1.59 0.8 0.79 0.8 0.79 0.8 0.79 0.8 0.79 0.8 0.79 0.9 0.79 0.9 0.79 0.10 0.9 0.79 0.10 0.9 0.79 0.10 0.8 0.79 0.10 0.8 0.79 0.10 0.8 0.79 0.10 0.8 0.79 0.10 0.8 0.79 0.10 0.8 0.79 0.10 0.8 0.79 0.10 0.8 0.79 0.10 0.79
2.20 PC-4	PERCENT 3.54 3.54 BLUT-GER 1.99 CHLARYDO CHLARYDO CHARYDO	2. 11 11 12 12 12 12 12 12 12 12 12 12 12
DIVERSITY =	CELLS/RL 16.5 10.3 11.1 11.1 10.1 10.2 10.3 10	D. OF PODUNTED ETHOD: ETHOD: FYNETICU FYNETICU FOR THE
DC-3 KO.OF FORMS = 22 COUNTED BY: D.R. YETHOD: SETTLE-PREEZE	AVARATMA FLOS-AQUAE CHAODCCCUS DISPERSUS COCCOMYRA COCCOIDES COCCOMYRA COCCOIDES CYCLOTELLA ATOMUS CYCLOTELLA ATOMUS CYCLOTELLA SP. CYCLOTELA SCHOUTER SPHARACYSTIS SCHOUTER STRUMASTRUM SP. STRPHANDISCUS TENUIS	ANABARNA SP. ANABARNA SP. ASTEROWELLA PURICA PORTICA SP. CHROCCCUS LI CHROCCCUS LI CHROCCCUS LI CHROCCCUS LI CONTRACTA SP. CYCLOTFILA SP. CYCLOTFILA STE DI NOBRYNA DIVERING GLOFCZYSTIS PL. MICHOCYSTIS SP. STEPHANODISCUS

				NDC.5-2 NO.0F FORMS = 55 COUNTED NY: D.R. METHOD: SETTLE-FREEZE	DIVERSITY	* 3.56
### CONTRACTOR ST. 17 1.00 **********************************				LOS-1	CELLS/RL 63.1 14.8 7.4	Se = 40
CELLG/RL PERCENT ANALYS NOT STATEMENT AND ST	ORMS = 32 DY: E.K. STILE-PREEE	DI VERSITY	~	SAUS	. 4.9 P. 1	
12.5 1.75		วม/ราวรอ	PERCENT	TONFILE FORMOSA	٠٠,	, ., .
CONT. 190.9 CYCLOTELLA KURPELICANA 191.0 CONT. 190.9 CYCLOTELLA KURPELICANA 191.0 CYCLOTELLA KURPELICANA 191.0 CYCLOTELLA KURCHWANA 191.0 CYCLOTELLA KYCLOTELA CYCLOTELLA CYCLOTELA CY	5773	17.0	25.0	COCCUMYXA COCCCIDES COYPED ROAMS SP.	'n'n	0.0
190, 9 273.39 CYCIOTELLA REGARIANA 9.37 5.8 0.05 CYCIOTELLA SP. FREGRIANA 9.37 5.8 0.05 CYCIOTELLA SP. FREGRIANA 9.37 5.8 0.072 CYCIOTELLA SP. FREGRIANA 9.37 5.9 0.07 CYCIOTELLA SP. FREGRIANA 9.37 5.9 0.07 CYCIOTELLA SP. FREGRIANA 9.37 5.0 0.04 0.06 GILDONIELLA SP. 99.0 5.10 0.04 0.06 GILDONIELLA SP. 99.0 5.10 0.04 0.06 GILDONIELLA SP. 99.0 5.2 0.00 CYCIOTELLA SP. 99.0 5.00 CYCIOTERLA SP. 99.0 5.00 CYCI	JCN Y	;	0.36	CYCLOT ELLA CRYPIICA		0.53
0.8 0.12 CYCLOTELLA NICHERANIANA 31.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0			7	OTFLLA	3.7	0.11
CYCLOTELLA ST. CYCL	ω.	8 ° C	0.12	OTELLA OTELLA	ص س	0.27
224 0.12 CVOLOTIER STELLICER 172.9 172.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-1	, n	000		•	- `
224.6 6.33 PACTYCOCCOPETS SP. 69.5 1.9 224.6 0.36 PRACTIANTS COCONENSIS 40.7 2.1 0.36 CICCOCCYSTIES P. 2.1 0.30 CICCOCCYSTIES P. 34.6 0.30 CICCOCCYSTIES P. 35.6 0.36 CICCOCCYSTIES P. 35.7 0.36 CICCOCCYSTIES P. 35.7 0.36 CICCOCCYSTIES P. 35.8 0.36 CICCOCCYSTIES P. 35.9 0.36 CICCOCCYSTIES P. 35.0 0.36 CICCOCCYSTIES P. 35.0 0.36 CICCOCCYSTIES P. 35.0 0.48 CICCOCCYSTIES P. 35.0 0.48 CICCOCCYSTIES P. 35.0 0.48 CICCOCCYSTIES P. 35.0 0.48 CICCOCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		9 80	0.12		; .	, ,
224,8 33.26 FINCELIANTES 0.4 0.06 GLEPOINTHER SP. 12.4 178 GLEPOINTHER SP. 21 0.30 KINCHNELLA SP. 12.5 17.59 KINCHNELLA SP. 12.6 0.30 KINCHNELLA SP. 22.1 0.30 KINCHNELLA SP. 23.1 0.40 KINCHNELLA SP. 24.5 0.42 KINCHNELLA SP. 25.0 0.42 KINCHNELLA SP. 26.1 0.30 KINCHNELLA SP. 27.1 0.30 KINCHNELLA SP. 28.2 0.42 KINCHNELLA SP. 29.3 0.42 KINCHNELLA SP. 29.4 0.40 KITZSCHIA KP. 29.5 0.42 KINCHNELLA SP. 29.6 0.42 KINCHNELLA SP. 29.6 0.42 KINCHNELLA SP. 29.7 0.42 KINCHNELLA SP. 29.8 KINCHNELLA SP. 29.9 KINCHNELLA SP. 29.9 KINCHNELLA SP. 29.9 KINCHNELLA SP. 29.9 KINCHNELLA SP. 29.0 0.42 KINCHNELLA SP. 29.0 0.40 KINCHNELLA SP		2.1	C. 33	၁	-	0.05
0.4 0.05 FRANIENS CO. 0.1 0.4 0.05 GREENDIKUN SP. 0.4 0.05 GREENDIKUN SP. 0.4 0.05 GREENDIKUN SP. 0.4 0.05 GREENDIKUN SP. 0.4 0.05 GREEN COCCOUNTY SP. 0.4 0.05 GREEN COCCOUNTY SP. 0.4 0.0 0.4 0.05 STATISTICAL SP. 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.		24.	\sim	FLACELIATES	6	2.55
12.4 0.06 GREEN COCCUST, UNKNOWN 17.8 13.3 13.9 12.1 0.10 GREEN COCCUST, UNKNOWN 17.8 13.1 13.1 13.1 13.1 13.1 13.1 13.1 13		7°0	90.0	FRAGIL ASIA CROTONENSIS	42.7	1.22
2.1 6.30 GRENCOLD, UNKNOWN 12.1 6.30 34.6 4.99 KRECHRELLELR SP. 5.2 6.36 WRIGHTLA FLECANS 2.5 6.36 WRIGHTLA FLECANS 2.1 6.30 WRIGHLA SP. 11.1 6.30 WRIGHLA SP. 12.2 1.34 WRIGHLA SP. 12.3 1.49 WRIZESHIA ACCOURTS 2.9 6.42 WRIZESHIA SP. 13.3 1.49 WRIZESHIA SP. 14.6 6.55 CCSCILLATORIA SP. 17.7 6.24 PEDIATORIA SP. 17.6 O.48 WRIZESHIA SP. 17.7 0.24 WRIZESHIA SP. 17.6 O.48 WRIZESHIA SP. 17.7 0.24 WRIZESHIA SP. 17.8 1.49 WRIZESHIA SP. 17.9 0.48 WRIZESHIA SP. 17.0 0.40 WRIZESHIA SP. 17.1 0.24 WRIZESHIA SP. 17.2 0.48 WRIZESHIA SP. 17.4 0.65 CCSCILLATORIA SP. 17.5 0.48 WRIZESHIA SP. 17.6 SCHWERESHIS SPRATUS 0.4 0.66 SCHWERESHIS SPRATUS 0.5 STEPHINNOLISCUS BP. 11.1 STAURA STAURA SP. 11.1 STAURA SP. 11.1 STAURA STAURA SP. 11.1 STAURA SP. 11.	< :-	3 -	•		÷.	0.37
12.5 17.59 KIRCHVEALLA'SP. 14.99 12.5 17.59 KAPSSONICHA BLEGANS 2.5 0.36 WYLOSTRA GLANULA'A 2.1 0.30 WYLOSTRA GLANULA'A 2.2 0.30 WYLOSTRA ST. 3.3 0.48 WITZSCHIA ACICULARIS 3.3 0.48 WITZSCHIA PALEACA 4.6 0.40 WITZSCHIA PALEACA 4.6 0.40 WITZSCHIA PALEACA 4.6 0.65 WITZSCHIA PALEACA 4.7 0.65 WITZSCHIA PALEACA 5.24 WITZSCHIA PRESS 6.4 0.65 WITZSCHIA PRESS 7.4 0.65 SCHEPESHIS PROPLICA 8. SCHEPESHIS PROPLICA 9. 0.6 SCHEPESHIS PROPLICA 1.7 0.18 SCHEPESHIS PROPLICA 1.8 SCHEPESHIS PROPLICA 1.9 WITZSCHIA PROPLICA 1.0 0.66 SCHEPESHIS PROPLICA 1.1 0.18 SCHEPESHIS PROPLICA 1.1 0.18 SCHEPESHIS PROPLICA 1.2 0.18 SCHEPESHIS PROPLICA 1.3 SCHEPESHIS PROPLICA 1.4 SCHEPESHIS PROPLICA 1.6 SCHEPESHIS PROPLICA 1.7 0.18 SCHEPESHIS 1.8 SCHEPESHIS 1.9 0.10 SCHEPESHIS 1.1 STEPHHANDISCHIS 1.1 STE	4 2 1	7.4	800	CHOCOLOGIA ON COCCOLOGIA	•	0.33
122.5 175.9 KARSSONFLLA ELEGANS 6.2 0.36		34.8	66.4	KIRCHWERIELLA SP.	48.2	1,32
1.0 1.0 1.1	•	22	17.59	NARESCHIFLLA BLEGANS	11.1	0.32
2.5 0.36 NAVIGHIA TALECA 2.1 0.30 NAVIGHIA TALECA 2.2 0.30 NAVIGHIA ACTOURARS 2.2 0.42 NITZSCHIA ACTOURARS 3.3 0.44 NITZSCHIA ACTOURARS 3.3 0.44 NITZSCHIA SP. 1.49 OCCENTA SP. 1.40 OCCENTA SP.		6.2	0.89	NELOSIRA GRANULATA	274.5	7.85
12.8	;	2.5	0.36	WALCELEA THALICA		0.32
28.2 4.04 NITZCHIA CONFINE 2.9 0.42 NITZCHIA PALEACEA 3.3 0.48 NITZCHIA PALEACEA 10.3 1.49 ONCYSTIS SP. 4.6 0.65 CSCILLATORIA SP. 1.7 0.24 PEDISTRUH NURLA SP. 1.7 0.24 PEDISTRUH NURLA SP. 1.0 0.16 SCERPDENUS PALCATUS 0.4 0.06 SCERPDENUS OUALIENSIS 0.4 0.06 SCERPDENUS OUALIENSIS 0.4 0.06 SCERPDENUS SP. 1.2 0.18 SCENPDENUS SP. 1.4 0.18 SCENPDENUS SP. 1.5 SCENPDENUS SP. 1.6 SCHODERILLATA 1.7 0.24 SCENPORTIS SP. 1.8 SCENPORTIS SP. 1.9 0.10 SCENPORTIS SP. 11.1 0.18 SCENPORTIS SP. 11.1 0.10 SCENPO	155	√ ′ ′	1.30			00.0
2.9 0.42 NITTCHIA PALEACEA 3.3 0.48 NITZCHIA SP. 4.6 0.65 CSTLLATOKIA SP. 1.7 0.24 PEDISTRUA MURLEX 0.4 0.06 SCENPDENUS PALCATUS 0.4 0.06 SCENPDENUS COLARIS 1.2 0.18 SCENPDENUS COLARIS 0.4 0.06 SCENPDENUS SPRATUS 1.4 0.18 SCENPDENUS SPRATUS 1.5 0.18 SCENPDENUS SPRATUS 1.6 0.6 SCENPDENUS SPRATUS 1.7 0.74 0.75 STAURA SITUS 1.8 SCHAPERSUS SPRATUS 1.9 0.74 0.75 STAURA SITUS 1.1 0.7 STAURA SITUS 1.1 STAURA SITUS SCHNOETER 1.2 STAURA SITUS SCHNOETER 1.3 STAURA SITUS SPRATUS 1.4 STAURA SITUS SPRATUS 1.5 STAURA SITUS SPRATUS 1.6 STAURA SITUS SPRATUS 1.7 STAURA SITUS SPRATUS 1.8 STAURA SITUS SPRATUS 1.9 STAURA SITUS 1.1 STAURA SITUS 1.1 STAURA SITUS 1.1 STAURA SITUS 1.2 STAURA BILICARISSINA NAUGUS 1.3 STAURA ULMA 1.4 STAURA ULMA 1.5 STAURA ULMA 1.6 STAURA ULMA 1.7 STAURA ULMA 1.8 STAURA ULMA 1.9 STAURA	404	iæ	aC a		. 6	20.0
3.3 0.48 NITECCHIA SP. 10.3 1.49 OOCYSTIS SP. 4.6 0.65 SCENEDESHIS NICELLUIRIS 1.7 0.24 PEDIASTRUH NUPLEX 1.0 0.06 SCENEDESHIS PALCATUS 0.4 0.06 SCENEDESHIS ONDRICAUDA V. LONGISPINA 14.8 0.4 0.06 SCENEDESHIS ONDRICAUDA V. LONGISPINA 14.8 1.2 0.18 SCENEDESHIS SP. 1.2 0.18 SCENEDESHIS SP. 1.3 0.18 SCENEDESHIS SP. 1.4 0.18 SCENEDESHIS SP. 1.5 0.18 SCENEDESHIS SP. 1.6 0.18 SCENEDESHIS SP. 1.7 0.18 SCENEDESHIS SP. 1.8 100.0 SCENEDESHIS SP. 1.1 10.1 SCENEDESHIS SP. 1.1 10.1 SCENEDESHIS SP. 1.2 STANDA STAUS SP. 1.3 1 STANDA STAUS SP. 1.4 STANDA STAUS SP. 1.5 STEPHANODISCUS MINUTES 1.6 TEPHANODISCUS SUNTILIS 1.7 STEPHANODISCUS SP. 1.8 3.7 STEPHANODISCUS SP. 1.9 0.7 STEPHANODISCUS SUNTILIS 1.9 0.7 STANDA A LILICATISSINA V. ANGUSTISSINA 3.7 STANDA A LILICATISSINA 3.7 STANDA A LILICATISSINA 3.7 STANDA A LILICATISSINA 3.7 STANDA A LILICATISSINA 3.7 STANDA A LI	SA	: ~	0.42		1.9	0.05
10.3 1.49 ONCYSTIS SP. 4.6 0.65 CSTLLATORIK SP. 4.6 0.65 CSTLLATORIK SP. 1.7 0.24 SCENEDESHIS RICELLULARIS 1.2 0.18 SCENEDESHIS OPOLIFUSIS 0.4 0.06 SCENEDESHIS OPOLIFUSIS 0.4 0.06 SCENEDESHIS OPOLIFUSIS 1.2 0.18 SCENEDESHIS SP. 1.2 0.18 SCENEDESHIS SP. 1.2 0.18 SCENEDESHIS SP. 1.4 0.18 SCENEDESHIS SP. 1.5 0.18 SCENEDESHIS SP. 1.6 SCENEDESHIS SP. 1.7 0.10 SCENEDESHIS SP. 1.8 SCHOOLSCUS RICELLATA 1.1 STEPHANODISCUS MINUTES 1.1 STEPHANODISCUS MINUTES 1.2 STEPHANODISCUS MINUTES 1.3 STEPHANODISCUS SP. 1.4 STEPHANODISCUS SP. 1.5 STEPHANODISCUS SUNTLIS 1.6 STEPHANODISCUS SP. 1.7 STEPHANODISCUS SUNTLIS 1.8 STEPHANODISCUS SP. 1.8 STEPHANODISCUS MINUTES 1.8 STEPHANODISCUS MINUTES 1.9 STEPHANODISCU	-	3.3	87.0		7.4	0.21
4.6 0.65 CSCTLLATORIR SP. 1.7 0.24 PEDIASTRUM BURLER 1.2 0.18 SCERFDESHUS FALCATUS 1.2 0.18 SCERFDESHUS OPOLIERSIS 0.4 0.06 SCENFDESHUS OBDICAUDA V. LONGISPINA 14.8 0.4 0.06 SCENFDESHUS OBDICAUDA V. LONGISPINA 14.8 1.2 0.18 SCENFDESHUS SERATUS 1.2 0.18 SCENFDESHUS SP. 1.4 0.18 SCENFDESHUS SP. 1.5 SPHAFROTYSTES SCHROEPERI 1.6 SCHROEPERILA PAPILLATA 1.7 0.06 SCHROEPERILA SP. 1.8 STEPHANODISCUS BINDERANUS 1.1 11.1 0.1 11.1 0.1 0.1 0.1 0.1 0.1 0.	NAC	10.3	₹.	٠.	13.0	0.37
1.7 0.24 PEDLASTRUM NUTLEX 1.0 0.06 SCENEDESHUS RICELLULARIS 1.2 0.18 SCENEDESHUS PILCATUS 0.4 0.06 SCENEDESHUS OUADRICAUDA V. LONGISPINA 14.8 0.4 0.06 SCENEDESHUS OUADRICAUDA V. LONGISPINA 14.8 1.2 0.18 SCENEDESHUS SP. 11.1 0 1.2 0.18 SCENEDESHUS SP. 11.1 0 1.1 0.10 SCENEDESHUS SP. 10.0 0 1.1 1 0.0 SCENEDESHUS SP. 11.1 0 1.1 0.0 SCENEDESHUS SP. 11.1 0 1.2 0.18 SCENEDESHUS SP. 11.1 0 1.2 0.18 SCENEDESHUS SP. 11.1 0 1.1 0.1 0 1.2 0.18 SCENEDESHUS SP. 11.1 0 1.2 0.18 SCENEDESHUS SP. 11.1 0 1.3 0 1.4 0.0 SCENEDESHUS SP. 11.1 0 1.4 0.0 SCENEDESHUS SP. 11.1 0 1.5 STEPHANODISCUS SUNTILES 11.1 0 1		9.4	0.65	CSCILLATORIA SP.	3.7	0.11
1.2 0.18 SCENEDESHIS INCELLULARIS 1.2 0.18 SCENEDESHIS PALCATUS 0.4 0.06 SCENEDESHIS OPPLIENSIS 0.4 0.06 SCENEDESHIS OPPLIENSIS 0.4 0.06 SCENEDESHIS OPPLIENSIS 1.2 0.18 SCENEDESHIS SERATUS 1.2 0.18 SCENEDESHIS SCHALLATA 1.1 0.10 SCHOOLDSFIELLA PAPILLATA 1.2 0.18 SCHOOLDSFIELLA PAPILLATA 1.1 0.10 SPANDA STAUS 1.1 11.1 SCHOOLDSFIELLA PAPILLATA 1.2 0.18 SCHOOLDSFIELLA PAPILLATA 1.3 1.7 0 STAUNA STAUS 1.4 0.0 SCHOOLDSFIELLA PAPILLATA 1.4 0.10 SCHOOLDSFIELLA PAPILLATA 1.5 STAUNA STAUS 1.6 STAUNA STAUS 1.7 0 STEPHANODISCUS MINUEUS 1.8 STEPHANODISCUS SUNTILIES 11.1 STAUNA STAUS 11.1 STAUDA FILIFORMIS 1.1 STAUDA FILIFORMIS 1.2 STAUNA STAUNA 1.3 STAUDA FILIFORMIS 1.4 0.00 1.5 STAUNA STAUNA 1.5 STAUNA STAUNA 1.6 0.00 1.7 STAUNA STAUNA 1.7 0.00 1.8 0.00 1.1 0.	SA	1.7	0.24	PZDINSTRUM MUPLEX	6.	0.05
TOTAL 696.8 100.0 SCENEPENDE PRICATUS TOTAL 696.8 100.0 SCENEPENDE CONDITIONAL TOTAL TOTAL 696.8 100.0 SCENEPENDE STRATUS SCENEPENDE STREATUS SCENEPENDE STREATUS SCENEPENDE STREATUS SCENEPENDE STREATUS SCENEPENDE STREATUS STREATUS SCHOOLERE STREATUS SCHOOLE		ə (٠.	SCENED BSWIIS BICELLULARIS	2.0	1.27
TOTAL 696.8 100.0 SCRNTDESHUS QUADRICAUDA V. LONGISPINA 14.8 CO.4 C.06 SCRNTDESHUS QUADRICAUDA V. LONGISPINA 11.1 C.2 C.18 SCRNTDESHUS SP. TOTAL 696.8 100.0 SCRNTDESHUS SP. STAURASTAUR SP. STAURASTAUR SP. STAURASTAUR SP. STAURANDISCUS DINDERANUS 11.1 C.7		7 :	•	SCENEDES AUS FALCATUS	2.3	0.42
TOTAL 696.8 100.0 SCENTDESHUS CHARLEAUDA 11.1 1.1 1.2 0.18 SCENTDESHUS SP. SCENTLATA SP. SCENTLATA SP. SCENTLATA SP. SCHOLDERIELLA PAPILLATA 207.8 5.5 3 5.7 5.6 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	e co	.	•		· a	
TOTAL 696.8 100.0 SCHEOLD PRILLATA SCHOOLPERILLA PAPILLATA SCHOOLPERILLA PAPILLATA SCHOOLPERILLA PAPILLATA SCHOOLPERIL ACHOOLERI STAUR STAUR SP. STEPHANODISCUS BINDERANUS STEPHANODISCUS MINUTUS STEPHANODISCUS SUBTLES STEPHANODISCUS SUBTLES STEPHANODISCUS SUBTLES STRPHANODISCUS SUBTLE	SD					0.32
SCENFORM SP. SCHROEPERILLA PAPILLATA SCHROEPERIL 3.7 STAURA STAU STEPHANODISCUS BINDERANUS 11.1 STEPHANODISCUS SUNTLIS	S	1.2	۲.	SCENTUESHUS SERRATUS	7.4	0.21
696.8 100.0 SCHROEDFRIELATA 207.8 5 5 5 7 10 10 10 10 10 10 10 10 10 10 10 10 10				SCENFORSMUS SP.	85,3	2.44
3.7 3.7 11.1 116.7 0 13.5 0 183.5 3.3 3.7 0 5.6 0 5.6 0	TOTAL	96.		SCHEOUDERIELLA PAPILLATA	267.8	5.94
11.1 0 16.7 0 18.5 0 18.5 0 18.5 33 33.7 0 18.5 8.5 0 18.5 0 5.6 0 5.6 0 0 5.6 0 0				SPERIES AT THE SECTION OF THE STATE OF THE SECTION		
16.7 0 13.5 0 13.5 0 15.1 0 15				STATE OF THE STATE	11.1	22
EPHANODISCUS SP. FRUANODISCUS SUNTILIS FRHANODISCUS TENUIS FRHANDISCUS TENUIS FRHANDISCUS TENUISCUS TENUI				STEPHANDISCUS MINUTOS	16.7	0.48
FPHANODISCUS SURTILIS TRHANODISCUS TENUIS 1183.5 STATO NUDPA PELIFORMIS 3.7 NEDPA ULNA TERREDRON SP. 5.6 0				EP HA NOP I SCUS	13.5	0.37
FPHA NODISCUS TENUIS 1183.5 33 NPDRA DELICATISSIMA V. ANGUSTISSIMA 3.7 0 NEDPA FILIFORMIS 3.7 0 NEDPA ULNA 1.9 0 FRAEDRON CAUDATUM 5.6 0				FPHANOFISCUS	•	1.49
NEDPA FILIFORMIS 3.7 0 NEDRA ULNA 1.9 0 TPAZDRON CAUDATUM 5.6 0				TENUIS TISSIMA V.	_	33.85
NEDRA ULNA TPAZDRON CAUDATUM 5.6 0 TFAREDRON SP. 5.6 0				NEDPA FILIFORMIS	3.7	0.11
INACIDION CAUDALUM				NEDRA UL	6.4	0.05
				NOW DECK	o 4	

TOTAL

	000		C C C C C C C C C C C C C C C C C C C	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.7 0.20 18.5 0.99 37.1 1.97 641.8 34.16 3.7 0.20 1.9 0.10 16.7 0.89 7.4 0.39 1.9 0.10	1879.1 100.0
	NITZSCHIA CAPITELLATA NITZSCHIA COMFINIS NITZSCHIA DISSIPATA	NITESCHIA SP. PITZSCHIA SP. #2 GOCYSTIS SP. GSCILLATORIA SP.		SCENDESMUS QUADBICAUDA V. LONGISPINA SCENFDESMUS QUADBICAUDA SCENFDESMUS SP. SCHAEDESMUS TENUISPINA SPHAEPCCYSTIS SCHROETERA	STEPHY NODISCUS MINUTUS STEPHANODISCUS SUBTILIS STEPHANODISCUS SUBTILIS STEPHANODISCUS TENUIS SYNEPPA DELICATISSIMA V. ANGUSTISSIMA SYNEPPA FILIPORMIS SYNEPPA ULNA V. CHASEANA TABELLARIA FENESTATA V. INTERMEDIA TABELLARIA FLOCCULOSA TETPASDEON CAUDATUM V. LONGISPINA	TVLOT
3,88	PERCENT 0.49 0.10 0.10	0.00	000000000000000000000000000000000000000	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DIVERSIFF	CELLS/ML 9.3 1.9	ω ω ω φ. ω ν ω α. α α.	18.5 18.5 2.5	113.2 113.2 100.2	22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	10 o
NDC 1-0 NO.OF FORMS = 69 COUNTED DI: D.R. METHOD: SEITLE-PPEEZE	ACHNANTHES LANCEOLATA V. DUBIA ACHNANTHES SP. #1	HAN ALIS LOS-A	ANKISTEODESHUS SP. #1 ANKISTEODESHUS SP. #3 ANKISTRODESHUS SP. #3 ASTRICHELLA FORMOSA PROPODINTILLA POLYIETRAS	CYCLOTELLA CPPTICA CYCLOTELLA CPPTICA CYCLOTELLA MENEGHINIANA CYCLOTELLA SP.	DIATONA TENUE V. ELONGATUM DINCBEYON DIVERGENS FUGLENA SP. FLAGELLATES FFAGILATA CAPUCINA FFAGILANIA CPOTONENSIS GLOBOCYSTIS SP. GLOBOCYSTIS SP. GPER FILLAMENT, UNKNOWN GPER FILLAMENT, UNKNOWN	ARSONAL BLA ALBOANS MICOITA GPANTLATA AVICULA SP.

PRINCES SECURE							
ACHIMASTRUM HANTZSCHII V. PLUVIATILE	CELLS/HL 1.7 13.2	PERCENT 0.03 0.20	4 DC 1-2	NO.OF FORMS = 46 COUNTED BY: E.K. METHOD: SEITLE-FREEZE		Diversity	= 3.67
ANABARNA SP.		50.0	8			CELLS/HL	PERCENT
AVKISTRODUSTUS FALCATUS A SEFFICIELLA FORMOSA	26.5	0.0	ANKIST FODES	SF.			0.0
PLUF-GREEN UNKNOWN CELLS	81.1	1.26	NKI STRODES	Sr.			0.07
BLUE-GPFEN UNKNOWN COLONY	0.00	0.08	NAMOZIN VII d'E	NIZOMFNON FLOS-AQUAE		1.7	0.07
CHILAY DOMOWAN NP.	7.88T	0.15	THE GETEN UNKNOW	H FORMOSA UNKNOWN CELLS		0 =	3.56
COCCONETS PLACENTULA V. EUGLYPTA	5.0	0.08	SANOMORATH:	SP.		350.9	14.81
COUCIGENIA APICOLATA	9.6	0.13	maoocccus	SP.		m •	0.14
CHYPTOMONAS SP.	16.5	0.26	OELASTRUM.	50.0 0.0		~ 4	0.07
CYCLOTELLA COLTA	19.9	0.0	"YCLOTELLY ATORU	ATORUS		183.7	7.76
CYCLOTELLA MICHIGANIANA	5.0	0.08	YCIOTELLA	,		, ~	0.14
	763.0	11.81	YCLOTELLA	KUETZINGIANA		1.1	0.07
CYCLOTELLA STELLIGENA	105.9	÷ 0	CLOF ELLA	MEN EGILLA LANA		F 9	0.35
DIATORA TENUS V. ELONGATUR Diatora viitare	1.7	0.0		OCELLATA		o m	0.78
DINCHES YOU DIVERGENS	33.1	0.51	CYCLOTFILLA	SP.		182.0	7.69
	11.6	0.18	TYCLOTELLA STELLIG	STELLIGERA		107.6	4.54
FARGILATIA CPOTONZNSIS,	87.7	1.36	O NOT REPORT:	IVERGENS		13.2	9.56
GLOROCYSTIS SP.	202.2	5 C	. RAGELLAILS			114.2	2. T
Green Colory, Unknown	39.7	0.61	GLOROCYSTIS	GLOSOCYSTIS PLANCTONICA		11.6	0.49
GREEN FILAMENT, UNKNOWN	3,3	0.05	GLOEOCYSTIS	GLOEOCYSTIS SP.		4.1.4	1.75
GRETH SOLITABY, UNKNOWN	567.7	8.79	GLOFOCYSTIS	VESTCULOSA		1.7	0.07
TINCHMENTOLLA OP.	- r	70.0	GREEK FILAK	2 S		1.7	21.0
LATA	612,3	9.48	GRETH SOLIT	ARY, UNKNOWN		226.7	9.57
	1004.6	15.55	FFLOSIPA GP			104.3	3
NAVICULA CAPITATA	1.7	0°0	MICHOLIFA GRANGLATA V	ANULATA V. ANGUSTISSIBA PERUSTADA		294.6	12.44
REPRODUCTION OF		0.03	HAVICULA SP	:			0.07
NITZSCHIA PALEA	9 9	0.10	NITZSCHIA SP	ıp.		8,3	0.35
NITZSCHIN SP.	63.0	0.57	COCYSTIS SP.			e.,	9.0
COCYSTIS SP.	າ ເ	0 0 0 0	MULTINGONA MULTINGONA			` ~	0.14
OUADPIGULA LACUSTRIS	3.3	0.15	FHIZOSOLFNI	A ERIENSIS		1.7	٠.
SCEPEDESSUS ABUNDANS	7.7	0.03	SCENED BONUS	SCENEDESKUS QUADRICAUDA V. MAXINUS		10 10	~:
NORMAD BOX ON DIRONARDO	- 6	7 80	SCENFORSHUS	ON AGALCAUDA		- 1	٠,
	23.2	0.36	STEPHANODISCUS	CUS MINUEUS		1.7	
STEPHANODISCHS BINDERANDS	5.0	0.08	S ICON THUBIS	SP.		ر د د د	•
STEPHANDOISCUS HANTZSCHII	67.7	1,36	CHEPHANOPISCHS	CHS SUBLILIS		9.99	~•
STEPHENDINGS SP.		0.08	SYNELSA ACUS	•		; -	0
່ເນ	34.8	O	DPAF	ILIFORMIS		1.7	0
	2343.4	36.35	SYNTHER SP.			1.7	•
SYMPONE PERIORIESCENT V. ANGUSTISSINA SYMPOSE PRICESSINA	0.0 1.1	0.00 0.00			TOTAL	2368.3	100.0
) ! !		
SYMPOSA NO. Time I have been standary	m	0.13					
TOTAL TOTAL		. 0					
	6461.	100.0					

	C.	90.0	0	0	0	0	0	0	0	0	0	0	0	•	0 #	0	0	0	°	0	o 	8	2 41	0	0		0	0	0		O O			3 100.0
	ئى	1.9	œ,	31.	m m	-	e m	18.	. -	.	16.	°6	29.	. *67	7.	26.	39.	. -	14.	3	14.	သ	1315.	:	m,	ν.	<u>.</u>		<u>-</u>	22.	6	7.		3194.
	TATANOU GIRUSZI	CHIA	TZSCHIA SP.	CYSTIS SE	OPHIOCYTIUM SP.	ATORIA	OSCILLATORIA SP.	PRINTING SP.	PHIZOSCLENIA BRIENSIS	PHOICOSPHINIA CURVAIA	SCPNIPESHUS BICSILULARIS	SCENEDES MUS DIMORPHUS	SCENTINESKUS PALCATUS	DRICAUDA V. LO	DRICAUDA V. PARVU	SCENEDESYUS QUADRICAUDA	SCENEDESMUS SP.	CHROETE	STIPHANODISCUS EINDERANUS	STEPHANODISCUS MINUIUS	SP.	SUBTE	品	H		SYNEDDA FILIFORMIS	SYNEDRA MINUSCOLA	SYMEDEA SP.	YNFDER DINE V. CHASEANA	ABELLARIA PENE	LLABIA FI	ETFREDRON		TOLKE
3.65	PERCENT	٠ m	0	9	-	Ś	-	~	9	7	٣,	~	2	7	0	•	6.	٥.	۲.	0	6	9		7	æ	7.20	7	0	0.87	0.10	-	0.29	0.43	0.12
DIVERSITY	JE/SITED				22.3	16.7	5.6	7.4	85.3	7.4	11.1	9,3	6.3	7.4	1.9	126.1	157.7	1.9	3.7	1.9	1.9	51.9	55.6	40.8	26.0	230.0	70.5	1.9	27.8	22.3	387.7	9.3	* • • • • • • • • • • • • • • • • • • •	3.7
NDC 2-0 NO.OF FORMS = 66 COUNTED RY: D.R. MSTHOD: SITTLE-FREEZ		ACTION DINCH HANTSOCHIL V. FEGTERED ANARYDER FLOS-ACHAR	A WKIST HODES AUS PALCATUS	Sp. #1		_	BORODINGLEA POLYTETRAS	CHECKINS DISPERSUS	COCCOMYXA COCCOIDES	FI ,			CYCLOTELLA MENEGHINIANA	YICHIGAMIAN	CYCIOTELLA OPERCULATA			U		>	ECHINO SPHABFELLA LIMNETICA	FIAGELLATES	FPAGILAPIA CAPUCINA	PEAGILABLA CROTONENSIS	GLENOPINI UM SP.	GLOFOCYSTIS SP.		GREEN FILLAKENE UNKNOWN	KIPCHNEETHILA SP.	PASSONISLLA SLEGANS	YELOSIBA GRANULAIR		MECHACITATION POSITION	NAVICULA SP.

SITY = 2.91	7 1.85 .9 0.92 .5 12.92 .7 10.31 .6 10.15 .9 27.69 .9 27.69 .9 27.69 .9 27.08 .9 27.08 .9 27.08 .9 27.08 .9 27.08 .9 27.08 .9 3.08 .9 3.08 .9 3.08 .0 3.1	. 9 100.0
DIVERSITY	CELLS 69.99 50.09 54.6 14.3 14.5 15.5 16.	537
ы		TOIAL
NO.OP FORMS = 17 COUNTED BY: E.K. HETHOD: SETTLE-FREEZ	ENA SP. SREEN UNKNOWN CELLS SREEN UNKNOWN COLONY SOCCUS SP. TELLA ATOMUS TELLA COMTA TELLA KUETZINGIANA TELLA KUETZINGIANA TELLA SP. T	
NDC 2-3	ANABAENA SP. BLUE-GREEN UNR BLUE-GREEN UNR CHLAMYDOKONAS CHROCOCCCUS SI CYCLOTELLA ATC CYCLOTELLA SE CYCLOTELA SE CYC	
PERCENT 0.24 0.05 0.38 0.29 0.10 0.15		28.000000000000000000000000000000000000
CELLS/ML 8.3 1.7 31.4 13.2 9.9 3.3 168.8 177 5.0	24, 8 24, 8 24, 8 24, 8 24, 8 24, 8 24, 8 24, 8 25, 8 26, 9 27, 10 27, 10	
IUS FALCATUS I FORMOSA I PORMOSA V. GRACILLIMA INKNOWN CELLS INKNOWN COLONY IS SP.	CYCLOTELLA COMTA CYCLOTELLA COMTA CYCLOTELLA MENEGHINIANA V. PLANA CYCLOTELLA MECHIGANIANA CYCLOTELLA MECHIGANIANA CYCLOTELLA ALCHIGANIANA CYCLOTELLA SP. CYCLOTELLA STELLIGERA DIATOMA VULGARE DICTYO SPHABRIUM PULCHBILUM FLAGELIATES FRAGILARIA CONSTRUENS FRAGILARIA CROSTRUENS FRAGILARIA CROSTRUENS GACOCYSTIS PLANCTONICA GAERN COLONY, UNKNOWN GAERN SOLONY, UNKNOWN	NELOSIBA GEARULATA V, ANGUSTISSIBA NATIOSIPA GEARULATA V, ANGUSTISSIBA NATZ SCHIA SP. OCCYSTIS SP. OSCILLATORIA SP. OSCILLATORIA SP. OSCILLATORIA SP. OSCILLATORIA SP. OSCILLATORIA SP. OSCILLATORIA SP. SCHEDESHUS QUADRICAUDA SCENEDESHUS QUADRICAUDA SCENEDESHUS SP. STEPHANODISCUS HANTZSCHII STEPHANODISCUS ANUTUS STEPHANODISCUS TENUIS STEPHANODISCUS TEN

DIVERSITY = 2.97

NO.OF PORMS = 46 COUNTED BY: E.K. METHOD: SETTLE-FREEZE

NDC 2-1

NDC 4-0 NO.OF PORMS = 47	DIVERSITY	3.09	NDC:4-1 NO.OF PORMS = 27 COUNTED BY: D.R.	DIVERSIFY	3, 82
COUNTED BY: D.R. METHOD: SETTIB-FREEZE			1	CELLS/ML	PERCENT 3.50
	CELLS/ML	PERCENT	XXX	3.7	1.00
ANABRA MANA MICON-ACCAM	o o	0°-1	CRYPTORONAS SP.	1.9	0.50
ANKISTRODESKUS PALCATUS	6.0	 	CYCLOTELLA MICHIGANIANA	m .c	, v , v
ANKIST FODES MUS. SP. #5	10.2	0.83	CYCLOTILLA SP.	ν. Δ. α.	5.30
ASTERIONELLA PORMOSA	3.7	0.33	CYCLOTELLA STELLIGERA	6.6	000
DORODINILLA POLYTEIRAS		0.45	MOLING TO STATE AND ADDRESS OF THE STATE OF	1.9	6.50
FORMATOR AND	o r	2 ° ° °	FIAGELLATES	37.1	10.00
COCCOMIA COCCOMES COCCOMES DISTRIBA) o	00.00	FRAGILARIA CROTONENSIS	7.4	2.00
COCCONEIS SP.	0.0	90.0	GLOTOCYSTIS SP.	24.1	9 5
	14.8	1.21	GREEN COCCOID, UNKNOWN	7.5	2.00
CYCLOTELLA CRYPTICA	9.0	S 1 0	MUSICAN CLASSED CONTONER	55.6	15.09
CYCLOTTILE YOUTZIEWS	• •	0.53	KOUGFOTIA SP.	3.7	1.30
CYCLOSTIN MICHESPINA CYCLOSTILA WICHESPINA	- 10	0.45	NITASCHIA BACATA	. .	0.50
CYCLOTELLA SP.	44.5	3.63	NITZSCHIA SP. #2	. C.	0000
CYCLOTELLA STELLIGERA	68.7	5.59	OCCUPATED OFF.	3.7	1.50
DACTYLOCOCCOPSIS SP.	0.0	0.08	۶.	7.4	2.00
FLACELLATING COOPING TO BOACT FROM COOPING TO	24.1	7	DELICATISSIMA V	7.4	2.30
AND THE COURT OF T	7.67	00.0		1.9	C. 50
GLOTOTY STIS SP.	74.2	6.05	TABFLLARIA PENESTRATA V. INTERMIDIA	o •	20.0
GOMPHONEMA OLIVACEUM	0.9	0.08	THE TRANSPORT PRESENTATION AND PARTY OF THE PROPERTY OF THE PR		0 0
CONTINUESOCIALE	7.2	0.33	TRIGORDS V. GRACIE NEARLS	9 7	000
GARRA COCCOID, DAKNOKN	15.8	1.28	;	371.9	100.0
MANUSCRIPTION COMMISSIONS MANUSCRIPTION COMMISSIONS	236.0	24.11			
NITZSCHIA ACICULARIS	6.0	87.0	NDC 4-3 NO.OF PORMS = 21	DIVERSIFY	3.04
NITZSCHIA CONFIHIS	7.4	0.50			
	6.0	0.08	FILLES SOLUTIONS	CELLS/KL	PERCENT
NITZYCHIA SP.	۳. د د م	0.30	ANABARNA FLOS-AQUAE	· .	0.5
OCCILLATORIA SP.	3.7	7° 0	ANACYSTIC MITTAL AND COMPANY A	371.0	38.58
	1.9	0.15	A TEROPOROUS DISPERSIS	8.03	4.26
Prething Sp.	7.4	0.60	CRYPTOMONAS SP.	1.9	0.19
SOURCE SECURE BIODINIA	16.7	1.36	CYCLOFFILA RUSTZINGIANA	5.6	0.58
SCHRODESHUS CORDALCANDA SCHRODESHUS SP.	14.9	1.21	CYCLOTELLA WICHIGANIANA		0.58
CHROST	6.0	90.0	CYCLOTELLA STELLIGERA	126.1	13, 15
	6.0	0.08	LATES	1.9	0.19
STEFFAXODISCUS SP.	1.9	0 r		76.1	7.93
		66.01	9 5	83.0	92.58
SYNEPPA ACUS	`	0.08	SUBSIDER OF SET STORES OF SET	14.8	
SYNFORA DELICETISSINA V. ANGUSTISSINA	1.9	-		11.1	1.16
CAUDATUM V.	o .	80.0	GLOFOTYSTES VESICULOSA	9.46	9.86
ABLERALDING GENOLARGE V. INCUS		06.1	ATECN COCCOID, UNKNOWN	22.3	2.32
LOTAL	1227.7	103.0	one with the control of the control	- ::	91.0
			CONTRACTOR SP.	7.4	۲.
			FERNANDISCUS TENUIS		0.39
			FOTAL	9.9.6	J.00L

				7.4	9.4
			CYCLOTELLA CRYPTICA	٠,٠	
NDC 4-4 NO. OF PORMS = 28	DIVERSITY	= 2.31	CYCLOTELLA KUSTZINGIANA		0.35
COUNTED BY: M.K.				26.0	6 7 .
				157.7	٠٠
	CELLS/NL	PERCENT		142.8	.,
ANABARNA SP.	2.9	20 1 27 1 0	EACTYLOCOCCOPSIS SP.		<u>.</u> 2
ASTRAIONFLLA POPHOSA		# *			::
PLUP-GPEEN UNKNOWN COLONY	, ,			26.0	65.0
CHILL MY DOMONAS SP.	2007				3,80
CHROOCOCCUS LIMNETICUS	. u		PACTI BRIA	3.7	0.07
CHROOCOCCUS PALLIDUS			CHANGE CECT A CHANGE AND A CHAN	7 7 7	0.88
CHRONCOCCUS SP.	- 0	0.20		: -:	0.0
COSKA TIUM SP.	• •		TUTOPTIM		0.11
CRUCITENIA APICULATA	2.5	2.0	ACTIONOPINA TO THE ACTION OF A	107.6	2.04
COUCIGENIA TRUNCATA	7.0			992.4	18.82
CRYPTOROUNS SP.	4.0	10.0	GOMPHOSPHARRY LACUSTRIS	1,9	0.04
CYCLOTELLA COMTA	2.5	30.1		22.3	0.42
CYCLOTELLA FICHEGANDARA		0.21	FILAMENT	1.9	0.04
CYCLOTRICA OCRUBALA	14.9	2.49	FRIELLA O	27.8	0.53
	217.3	36.26	KIRCHNERIELLA SP.	11.1	0.21
SILLELIGENS	3.7	0.6	MARSSONIELLA DIEGANS	31.5	0.50
STREET TOTAL STREET	7.0	0.07	GRANULATA	825.5	15.65
	n.0	٥.	NELOSIRA GRANDLATA V. ANGUSTISSIRA	1.1	0.21
	1.7	0.28	MURISMOPEDIA GLAUCA	59.4	1,13
ST SNEW DECAUTE A PARTY OF CALL WATER OF CALL	9.4	0.76	NAVICULA CRYPTOCEPHALA	1.9	₹°0
CHOCOLVATIS SP.	51,3	8.56		9.0	0.11
GREEN COLONY, UNKNOWN	6.2	٥.	PALE	, u	0.0
	1.7	?	NTTZ SCHIA SP. #2	,,,	
KALLOYCHAS SP.	2.5	0.41	OUCYSTIS SP.	7.50	00.7
OOCY STIS SP.	± .0	٠	OSCILLATORIA LIMNETICA	- ^	3 0
SCENEDFSHUS BIJUGA	a :	0.07	IA SP.	י י	0.0
STEPHANODISCUS DINDERANUS	J. C	0.07	PUDIESTER DE DUPLEX V. KOTURDATUR	e m	- 6
		9	PERIOTENIA DV.		
LOLAL	0.880		`	7.4	4.0
			10.15	160.2	1.90
EDC 7-1 NO.OF POPRS # 75	DIVERSIFY	1 = 3.51	SCREENESSHIS FALCATUS	7.4	31.0
 !			SCENEDESKUS LONGISPINA	7.4	0.14
METHOD: SETTLE-FREEZE			SCENEDES OUADPICAUDA V. LONGISPINA	26.3	0.49
	12/01/00		SCENEDESMUS OUADRICAUDA	n · 9 n	0.88
ATLIBIATION OF THE OFFICE AND	1,9	0.0	SCEREDFSKUS SP.	<u> </u>	9.63
	6.9		SCHROSDER IELLA PAPILLATA	3 r	0.28
ALKARA BOURES GELIEBORIN	9,3		CHROSERA		
PERTOTOOPESAUS SP. #3	5.6	0	1 6	• 0	
ANKISTRODES FUS SP. #5	۲.	0.14	CHERTIFICACOL SCIENCE SERVICES CONTRACT TO	. 0	
BOPODINELLA POLYTRIRAS	13.0	9.25	A SET CAN SOUTH OF CASE THAT A A SET THAT A A SET THAT	1773.4	33,63
POTITYOCOCCUS SP.	6.1	0°0	A KNOTE A DOMAIN	,	0.14
CHIRKYDOZONAS SP.	7.4	0.14	SYNDON DELICATISSIMA V. ANGUSTISSIMA	3.7	0,37
CHECOCCCOS DISPERSUS	3.7	70.0	FILTFORKIS	6.	70.0
	 	8¢.		1.9	9.04
COLOCCUS SLONGATUS	- u		STREDPA SP.	5.6	0.11
COSPUSATION SP.	0.00	 		1.9	40.0
CAUCHAINS (CAMADANIA)	24.1	. =	STEASERON PERTAED	2.0	0.11
	26.0	₹.	NOUGH WEEL		0.14
			THINKSON NO.	200	000
			SIF LLA LINEANI	5273.7	

NDC 7-3 NO.OF PORMS = 23 COUNTED BT: E.K. HETHOD: SETTLE-PREEZE	DIVERSITY	: = 2.72				
ANABARNA SP. ANIERICHELLA FORMOSA BLUE-GREEN UMKNOWN CELLS	CELLS/ML 5.0 3.3	PERCENT 0.09 0.59	s DC. 5-0	NO.OF FORMS = 30 COUNTED BY: E.K. METHOD: SETTLE-PREEZE	DI Versity	3.48
PLUT-CPTEW UNKNOWN COLONY	0.0	0.15			CELLS/AL	PERCENT
CHEROLOGICA SP.	9.5	2.07	ANABARNA CIRCI	CIRCINALIS ESHUS SP.	1.7	0.19
TOTAL STATE OF THE	7.1	05.0	CHLAMY DOMONAS SP.	NAS SP.	39.7	3 / C /
CYCLOTELE STERRINA AND CYCLOTELE OCCUPATA	6.6	1.18	CHROOCOCCHS SP.	S SP •		0.56
CYCLOTELLA SP.	46.4	8.27	CYCLOTELLA	OYCLOTTED BYNESHINDANA OYCLOTTED ATORIGANIANA	16.5	1.88
CYCIOTFILA STRILIGERA	262.5	46.82	CYCLOTFLLA	OCELLATA	3.3	0.38
PIRCHBAYON DIVENGENS PIRCHII IN TOS	2 6	0.44	CYCLOTELLA	. ds	120.8	13.72
FRAGILAFIA CROTOWENS IS	55.5	06.6	CYCLOMELLA STELLIGRI	STELLIGERA	33.1	3.76
GLOROCYSTIS SP.	7.5	1,33	FRAGILARIA	CAPUCINA	39.7	4.51
Charles Colony, Chrones	. e		FRAGILAPIA CROTONEN	CROTONENSIS	14.9	1.69
RELOSIES GERHULATA V. ANGUSTISSIEA	1.7	0.30	GLCFOCKSTIS SP.	S SP.	16.5	1.88
•	30.6	5.17	MELOSTRA G	BANGLAIR V. ANGUSTISSINA	46.3	5, 26
ODCYSTIS SP.	2.0	# # # # O O	PFINSIRA I	TALICA	1.7	0.19
PUBLICATION OF STREET S	2.5	- =	KICLOCYSTI	s sr.	٠,٠	2.0
TEPHARODISCUS	7.5	1.33	NITOZOUR SP	.dS	5.0	0.56
TRECT	560.6	1.00.0	OSCILL ATOR	IA SP.	ш. ш.	0.38
			EUTNIGENIG	SF. TE DETENSTS	1.7	0.19
NDC 7-5 HO.OP PORMS = 25	DIVERSITY	r = 2.89	SCHOOL STAN	IN CRIEDINGS	11.6	1,32
COUNTED BY: D.B. RETHOD: SHITTED PRESS			SCENEDESHU	SCENZDESHUS QUADRICAUDA V. MAXIMUS	1.7	0.19
			D SECTION SECTION OF THE PRINT A NO. OF THE PRINT A	s sr. scus hantzschii	1.1	0.19
	CELLS/ML	PER	STTPHANNONI	SCUS SUBTILIS	3.3	0,38
AAABAENA TLOS-AQUAE	1.2.		STEPRA NOD TSCUS	SCUS TEHUIS	185. 1	21.05
CHECOCOCOUS DISPERSUS	14.8	4.53	SYNSPEA PE	PELICATISTIAA V. ANGUSTISSIBA	. 0	0.56
PATA	3, 7	1,13	1: avn	T TEGETT	•	
CHYPTORONAS SP.	6.0	0.57		INTCI	1. 880.5	100.0
OYCLOTELLM KUETZINGHAMA	10.2	3.12				
CYCLOTFILA SP.	0	0.28				
CYCLOTELLA STULLIGERA	52.0	15.96				
PHYCHERON DIVERGENS	ۍ د د	0.28				
FINE FACTOR AND AND PROPERTY OF THE PROPERTY O	9.86	30.03				
FRAGILATIA CROTONENSIS	26.0	7.93				
GLENDDININ SP.	o =	0.57 25 78				
GEORGE STR.	3.7	1.13				
COCYSTIS SP.	6.5	1. 18				
TREEDY ALE AP.	٠ د و	0.2%				
SPHARFOCTSTIS SCHPORTERI SPHINAPPISCHO TENUIS	3.7	1.13				
TOTAL	1 327.6	100.0				

844.0

TOTAL

DIVERSITY = 3.91

		90.0	?	₽.	۳,		٠	C.	⋾	٣.	-	င္	0	٠.	۲.	?	င္	3	0.06	ς.	?	c.	G.	٣.	٣.	6.48	22.63	٥.	۲.	0.06	0	100.0
		1.7		344.7	8,3	5.0	1.7	1.7	11.6	5.0	3,3	1.7	1.7	1.7	3.3	9.9	1.7	1.7	1.7	3,3	1.7	1.7	1.7	8.3	5.0	13,3	626.3	1.7	5.0	1.7	1.7	2767. 2
		KIECHNERIFLLA SP.	PR GRANULA	110	FIGINOSA	NAVICULA SP.	MA VICULA TEIPUNCIATA	MITZSCHIA PALEA	HITZSCHIA SP.	COCYSTIS SP.	OSCILLATORIA SP.		PHOPMIDIUM SR.	QUAPPIGULA LACUSTAIS	G	UNDAN	3	Ç	SCHNEDESHUS QUADEICAUDA V. MAXIMUS	A D P I CA UD	SCHNEDESAUS SP.	Ä		MINUEU	S		TONE	H	TISSIL		ISTRABURON PENTABBRICUM	TALCE
3.59	F NG U BE G	0	C	0	m	<u>س</u>	0	'n	ຼຕ	٠.	_	2	2	2	e.	٥.	• 5	٥.	့	2.57	S	-	m,	3	N.	٥.	ຕຸ	ω,	0	ຕ	0.18	٣.
DIVERSITY	CELLS/ML		1.7	1.7	6.6	8,3	1.7	36.5		9	ň	•		•		1.1	•	1.7	487.2		•	3,3	6.6	8,3	43.1	1.7	•	23.2	1.7	6.6	5.0	232.0
SDC 1-1 NO.OF FORMS = 61 COUNTED BY: E.K. METHOD: SETTLE-FREEZE		ACHNANTHES LANCEOLATA V. DULLA	AMPHORA OVALIS	AMEHORA OVALIS V. PEDICULUS	SP.				ELUF-GPEEN NYKHOWN CELLS		CHROCOCCUS SP.	COELASTEUM SP.	S	CYCLOTELLA ATOMUS							DIATOMA TENUS V. BLONGATUM	LINGBRYON DIVERGENS	FLAGSLLATES	FRAGILABLA CAPUCINA	PPAGILABIA CEOTONENSIS	GLGTOCYSILS PLANCTONICA			GOMPHO SPHARE IN LACUSTAIS V. COMPACTA	GPEEN COLONY, UNKNOWN	FILANTA	

SDC 1-2 NO.07 FORMS # 48	DIVERSITY	3.28					,
COUNTED BY: B.K. RETROD: SETTIE-PREEZE			SDC 2-0 XC			DI VERSITY	• 4.06
			25	METHOD: SETTLE-PR	S-PREZE		
	CILLS/ML	NE CONTRACTOR OF					
	, ,	70.0	LACTO SMORGEN	4000		ことしょう/パル	アピガー アンドライン
SECTION OF THE PARTY OF THE PAR	1,7	#0.0	TOOK TOTA WITCHEST	1 4 00		- 0	9 6
PERTON CONTRACT OF THE CONTRAC	8,3	0.20	* ORGON AFTERNOTOTION	* · · · · · · · · · · · · · · · · · · ·			
	18.2	77.0	NAME AND STATES	STAC NOON		9	
CONTROL METAL STREET	13.2	0.32	BOSONIANTER DOI VERTBER				α 0 α
ANOLOU MECANAMI MEGAUTADES		80.0	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		•	0 0
	213.5	5.17	250 CT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		, ₋ ,) (
		0.0	CHACOCOCCUS DISPLASOS	SPERSOS W MINOS		•	9000
		200	CHROCOLUS FILE	•		- :	07.7
	- 0	7 0	COCCUBITA COCCULDES	01053		* •	- 0
	11.6	2.0	COSTARIUM SP.	7		٠ د	0.78
	- c	52.0	CICLOIZELA NUETZINGIAN	V W W T S N T 7 1		, ,	0.00
CICLOT THE STREET STATE OF STA	10	3 6	CICLOIFICA SE			2.7.3	0.4
CICLOIDED GLORISHANN		80.0	CICLUITELA STRELLIGER	LL LGEFA			00.11
CICIO, TERR OCCEDATA	1 0 1 4		STATE SOLVEONIN	36523		· • •	0 0
	352.5		EL HOFLANELLALES	c		. 00	000
SECOND TO THE CONTRACT OF THE	9.9	0.16	FEMBLE PARTS OF ORDERS A	# 6 0 2 11 X C 2		7 2 2	7
DICTOR DIVERSITY OF THE CONTROL OF T		0.08	TOUR WINDSHIP OF				
TINEST OF THE COLUMN T	1.7	30.0	CIONCLEAU OR SE.	•		* * * *	
TEACH COURTS CORPORED TEACHER		10.0	CEOUTOLICE OF	O N S R I			200
BEACHTER TO TO TO TO TO	86.1	2.0	AND ALLANDONE OF THE PARTY OF T	T DEARCH IN		- o	
	1.7	0.04	A HOLD DE STEEL DE ST	35.			0 0
	90		CHORLS CHICKER			•	200
GLOSOCIOLIS DE .	0.00	3.5	NAVICULA CETPE OCEPHALOIDES	JCEPHALO IDES			200
G.E. Collor, unknown	- C	0 C	MITZSCHIA CONFI	INIS		. ·	0.38
GENERAL PARENT, ONNEONE	0.0	21.0	COCYST IN SP.			~ ·	0.75
Garri solitar, ouknown	33.4	9.00	OSCILLATORIA LI	IMNETICA		٠,	0.38
MELOSI DA GRANULATA	0.00	, n	OSCILLATORIA SP.	P.		3.7	0.75
WELOSTPA GEARULATA V. ANGUSTISSIAA	0 · 1 · 1	7	PEDIASTRUM DUPLEX	× ×		6	0.38
MITASCHIA SP.	20.0		PERIDINION SP.			31.5	6.39
OUCKSTIS SP.	`.'	3 0	RHIZOSOLENIA FE	PIENSIS			0.38
Paring and another	2,4	a .	SCENFORSMUS BICELLULARIS	S IS		26.0	5.26
PHIZOSOLGNIN BRIENSIS	ω, • ω, ι	20.0	SCENEFESHUS QUA	V.	Long Is Pina	7.4	1.50
EHIZOSOLFAIA LONGISETA	`.'	7.0	CEREPESMUS	QU ADR I CAUDA		7.4	1.50
SCHWED TOWNS OF YORRANS		# :: :: •		SEPRATUS		3.7	0.75
STENED FOXUS OU ACRICAUDA		200	SCENFOESMIS SP.			7.4	1.50
SCENPOECHUS SP.	7.65	00		SCHPORTERI		÷	0.75
SELENANTAUM SP.	٥٠	٠ - • • •	STEPHANOPISCUS	TENUIS		113.2	22.93
STEPHANOPISCUS HANTZSCHII	6.79	70.				3.7	6.15
STEPHARODISCUS MINUTUS	24.8	0 0 0					,
SP.	9.1.	97.0			TOI	493.4	100.0
STEPHARODISCUS SUBTILIS		30.30					
STEEDSTANDINGS THEOLES	2	-0.20					
イコング はんかいかん カー・マンドしかと ひゃくしょう さいかいかんし	2	0.16					
CARDER CONTON TO THE CONTON TO CONTON THE CARDEN CONTON THE CONTON		40.0					
	11.6	0.28					
TABELLASTA FUNDSTRATA	1.7	40.0					
		:					
TOLYE	4130.8	100.0					

				SDC 2-3 NO.OF PORMS = 56 COUNTED BY: 3.K. METHOD: SETTLE-PRESE	DIVERSITY	* 3.28
					CELLS/EL	PERCENT
					1.7	ទុ
,			,	AABABAA SD.	•	?'
SDC Z-1 NO.OF PORTS #	. 3e	DIVERSITI	3.15	ANKUSTRODESMUS FALCATUS	o •	•
COUNTED BY:	2. X.			ANKLUT KODESHOS SP.		• c
FEIROD: SELLE	LETREBEE			APHRALACTERUS FLUORINA POSSOSA ANDRES POSSOSA	ຳສ	0.17
		CELLS/ML	PERCENT	BLUE-GREEN UNKNOWN CELLS	48.0	•
ANABASHA SP.		1,7	.07	BLUE-GREEN UNKHOWN COLONY	6.6	7
0		1.7	0.37	IAS SP.	236.7	4.98
ASTERIOUELLA FORMOSA		35.4	1.45	COFLASTUM SP.	11.6	0.24
SIDE-GPHEN UNKNOWN CREES		1.7	0.07		3,3	0.07
CHLAMYDOMONAS SP.		158.6	6.53	CAYPTONUMAS SP.	18.2	0.33
CHEOOCOGGUS SP.		16.9	0.69	CYCLUTHILA ATOMUS	9.64	1.04
CAYPTORONAS SP.		13.6	0.75	CYCLOTELLA KUETZINGIANA	1.7	0.03
CYCI OTELLA CONTA		1.7	0.07	CYCLOTELLA BENEGHINIANA	13.2	0.28
CYCLO"ELLA MICHIGANIANA		ທີ່	6.21	CYCLOTELLA XICHIGANIANA	9.6	a. 0
CYCLOTELLA OCSILLATA		7	0.14	CYCIOTELLA SP.	5 CO	12.63
CACIOTELLA SP.		18.5	70.0		⊃ •	200
CYCLUTELLA STELLIGERA	,	2.8.7	n	DICTYOSPANENT OF PULCHELLUR		* o
DIALONE LENGE V. BLOAGANDE	****	, •	• • •	STANDARD DIVINING	ה מ	
TINGER YOU DIVERSORY OF THE CENTER OF THE CONTROL O	E0746			STACK TOTHER A VEKEULS FIRSCH TATHE	1 0	
CANCEL AND CANCEL OF THE CANCE		3	0.10 at.0	SEAGILADIA CECHONOMISTA	6,6	0.21
FARGILETTA CHOTONERSIS		74.2	3,06	GLOLOCYSEIS PLANCTONICA	. #	0.31
GLOPOCYSTIS SP.		18.6	0.76	GLOEOCYSTIE SP.	115.8	2.44
GPETY COLONY, UNKNOWN		23.6	0.97	GOMPHOSPHARRIA SP.	1.7	0.03
GPLEN SOLITARY, CHKNOWN		27.0	1.11	GREEN COCCOID, UNKNOWN	316.5	6.45
LAGERHEIFIR LONGISETA		1.7	0.17	GREFN COLONY, UNKNOWN	36.4	2.0
METOSIFA CPAHULATA		192.3	~	GREEN FILEBRERT, UNKNOWN	11.6	0.24
ج.	V. ANGUSTISSINA	848.6	34.95	MELOSTEN GERNILLATA	254.9	5.36
ETCLOURSING		۲.,	0.07	MELLOSTER GEARITERIA V. ANGUSTISSIMA	993.0	20.88
NA VICULA CAPITATA		۲.,	٠, ١	MICHOCYSTIS AERUGINOSA	o, o	0.21
		7.0	200	AVICULA PECUS		50.0
N 1 12 UC B 1 N N N N N N N N N N N N N N N N N N		7.1.		NILCOCHIA PALEA		
COUNTY TO THE COUNTY OF THE CO		10.1	. =			
		# E	0.14	_	. m	0.07
STEPHANDISCUS, HANTZSCHII		35.4	₹.	PHORITICAN SP.	5.0	0.13
STREAM NODISCUS HINUTUS		1.7	0.67	QUADEL GULA LACUSERIS	-	0.03
		5,1	0.2	SCENED ESMUS ABUNDANS	14.9	0.31
SIEPHANOPISCUS TENUIS		450.4	18.55	GA	9.9	0.14
		<u>.</u> • ،	-	3.2PHUS	۳. ۲.	٠. ۱
TABELLARIA FLOCCULOSA		35.4	1.45	SCHWEINESKUS CHABRICAUDA V. MAXIMUS		m 6
	TOTAL	AL 2427.6	100.0	SCHOOLSHOOTHOUS CONTRACTOR ON THE SCHOOLSHOOTHOUSE CONTRACTOR ON P.	6.6	. =
			•	SECTION OF STATE OF S	ຸຕ	٠.
				STEPHANOPISCUS HANTZSCHII	x	0.38
				SIEPHANODISCUS MINUTUS	23.2	6 7.0
				STEPHAROLISCHS SP.	13.2	0.28
					<u> </u>	E
					•	32.63
				STATES AND AND STREAM ANGUSTRA	1.1	
					1.7	60
						0.10
				STEEL BLUDANLD		, (
				IATOT	1 4755.1	160.0

				SDC 4-3 NO.OF PORMS = 21 COUNTED DY: E.K.	DIVERSITY	= 2.02
SDC 4-1	NO OM HORIS R EN	olvers ity	≅ 3,19	nethou: Selficatreks		
				•	CELLS/AL	PERCENT
				ANARA SE. Anacystis Sp.	0.0	0.00 V. L.
***************************************	***************************************	CEPTS/IT	PERCENT 1	CHPOOCOCCUS LIMNETICUS	13.2	10.0
ACTINA STRUM MANALOCHIL	17 U C C C U T T	1 4		CYCLOTELLA COMTA	3,3	0.26
AMBADIA (F.	2114 40 14 A VI	9	0.07	CYCLOTELLA MENEGHINIANA	1.7	6.13
BLUE-GREEK DAKNOSK CELLS	AKNOEN CELLS	6 7	0.21	CYCLOTELLA MICHIGANIANA	11.6	0.91
CHLANT DOHOMAS SP.	900	75.9	3.26		9.9	0.52
CHROCCOCCIS	- C-	3,3	0.14	SP.	31.4	2.46
CYCLOTFILA ATOPUS	TO YOUR	9.9	0.28	CYCLOTFILA STELLIGERA	827.5	64.85
CYCLOTELLA ME	RENEGHINIANA	14.8	0.64	DINCBRYON DIVERGENS	14.9	1.17
	ICHIGANIANA	9.9	0.28	FLAGFILL TES	61.2	4.80
	OCELLATA	3,3	0.14	FRAGILARIA CROTOMENSIS	77.8	6.10
CYCLOTELLA SP.	ъ. С	402.6	17.30	Chorol I will by.	n 0	97.0
CYCLOTELLA 51	STELLIGERA	181,5	7.80	GAESA COCCOLD, UNKNOWN	87.8	
DACTYL CCCCCOPSIS SP.		9.0	0.07			
A SDEAT TOWNS A.	E V. ELONGATUR	m •	. O	MANUAL MANUAL STREET AND SAME AND CONTRACT OF SAME	110.0	7 7
FLAGILLATES		 	0.04	NITSSCHIA SP.	1.7	0,13
CICERCIA CACIONACIONO		- ~	70.0	OUADRI GULA LACUSTRIS	1.7	0.13
CT OFFICA STATES	FLANCE OF LCA	67.6	2.6.7	SCENEDESMUS BIJUGA	1.7	0.13
TO SEE CHOROLOU	• .	9,0	6.07	STEPHANODISCUS BINDEPANUS	3,3	0.26
GAFEN COCCOID.	NEONNI O	97.3	4.18			
GAEEN COLONY,	UNKNOHN	9.9	0.28	TOIAL	1276.0	100.0
GYNNOD INT UM	SP.	1.6	0.37	SDC 4-4 NO.OF FORMS = 22	DIVERSITY	= 1.97
MELOSIFA GEANULATA		130.3	5.60	COUNTED BY: E.K.		•
MELOSIRA GRAN	GRENOLATA V. ANGUSTISSIEA	617.1	5.52	METHOD: SETTLE-PREEZE		
MAVICULA CAPI	CAPITATA	٠,٠) c			
OCKSTR SE	•	13.6	70.0		CELLS/HL	PERCENT
OSCILLATOFIA SP.	SP.	9:	0.07	A TATA TO TATA TO TATA TO TATA TATA TO TATA TA	- 6	1.16
Partiagram ouplex	191.5X	9.5	0.07		305.5	38.84
PHIZOSOLENIA	SISISIS	1.6	0.17	ていないので、これでは、 ひだ。	. o	0.63
SNAUNDA RUNETTERFOR	ABUNDANS	1.6	0.97	CANDAD KON A D	, c	
SCENEDESKUS (QUADRICAUDA	1.6	7(CYCLOHOLLA COMPA		0.52
SCENEDESMUS	S.P.	9.6	0.43	CYCLOT FLLA MENEGHINIANA	· «	7.
SELENA STADE MINDIGE	z	9.9	0.28		13, 2	1.68
STEPHA NODISCUS	US HANTZSCHIL	e c	2.5		1.7	0.21
CT DE LOOR SOUT SOUT SOUT SOUT SOUT SOUT SOUT SOUT		0.0	2,40		21.5	2.74
STEER NOT SCHOOL		4 9	80.0	CICLUIELLA STELLIGERA	352.7	10.11
STEPHANODISCUS		529.6	22.77		۲.,۲	0.21
SYNE PLA ACUS		-:	0.07			7.0
SYNEDRA DELIC	DELICATISSIMA V. ANGUSTISSIMA	1.6	0.07	FRAGILAKIA CROTONENSIS	· .m	0.42
SY VEDRA SP.		٠.٠	0.07	GLOEOCYSTIS SP.	51,3	6.53
THERESON P	SMIASDRICUM	٠,	J C	GREEN COLONY, UNKNOWN	1.7	
	TOPAL	2326.5	100.3	MAILONGHAN SP.	ت د ۳	
				TICSIPA	, c	: -
				FICE-OFYSTIS ARRUGINOSA	 	0.42
				STEPHANODISCUS TENDIS	2.5	0,32

•								8.3 0.21		7	••		<u>~</u>	3, 2	~								3884.3 100.0
MELOSIER GEANULATA V. ANGUSTISSIMA MEPISHOPEDIA SP. MICFOCYSTIS SP.	MAVICULA SP.	OCYSTIS SP.	OSCILLATORIA SP. PEDIASIRUX DUPLEX	HHIZOSOLENIA ERIENSIS	RHIZOSOLENIA LONGISETA	SOUNDESKUS ABGNDANS	DEPHIS	SCENEDESHUS OUADRICAUDA	SCENEDESMUS SP.	SELFMASSHUM MINUHUM	STEPHA NODISCUS HANTZSCHII	Z.	SP.	S	STEPHANODIS CUS TENUIS		SYNFDRA PELICATISSINA V. ANGUSTISSIMA	SYNEDRA PARASITICA	SYMEDRA SP.	TETTPEDESKUS SMITHII	INTERACTION PENTAEDRICUM		TOTAL
MOOF	600	, r	0.26	7.29	0.13	#O*O	0.0	2 C	0.13	0.34	# O * O	19.77	13,21	0.04	0.09	\$0°0	E # 0	2.47	1, 32	96.3	•	0.43	œ
CELLS/ML 3.3 1.7 5.0	. m m	28.1	o. κ.	283.0	5.0	L.,	7.7	13.2	0.0	13.2	1.1	767.9	513.0	1.7	. က ်က	1.7	16.5	0.96		170.5	6 7 1	16.5	34.8
ACTINASTRUM HANTZSCHII AMPHORA SP.	ANTISTED SEUS FALCATUS	A STERIONFILA FORMOSA	DIUT-GEBEN UNKNOWN CELLS RIP-GEBEN UNKNOWN COLONA	CHIANY BORONAS SP.	CHROOCOCCUS SP.	COELASTRUM SP.	CRUCIGENIA APICOLATA	CEYPTOMONAS SP.	CYCLOTHER A PORCULATION	SICHIGANIAN				DACTYL OCOCCOPSIS SP.	LINCOR TENUT V. BLONGRIUM	PICTYOSPHAERIUM PULCHELLUM	FIRGELLATES	FEAGILATIA CROTONENSIS		NECKER CHOOLOG ARACT	SECTION AND COLOUR SERVED	GREEN FILANERS, UNKNOWN	MELOSIFA GRANDLATA

DIVERSIFY = 3.28

NO.OF PORMS = 56 COUNTED BY: S.K. METHOD: SETTLE-FREEZE

SDC 7-1

SDC 7-3 NO.OF FORMS = 57 COUNTED BY: E.K. MRTHOD: SEITLE-FREEZE	DIVERSITY	3.09	2000	62.9 11.6	0000
	CELLS/ML	PERCENT	STEPHENOUTSCUS TENUIS	1995.9	29.81
ACHNANTHES SP.	7.1	0.02	STREDRA ACUS SYNFDRA DELICATISSIM a V. Angustissima	14.9	0.05
AMPRIORA OVALIS V. PEDICULUS	5.0	0.07		11.6	0.17
AVADATIVA SP.	9.0	0.0	TATELLANDA TONES ERATA	0.84	6.72
ANNAL ULI PODE UNICO UNICO PARTICIO DE PAR	2,5	000	TOTAL	n.4699 T	100.0
ASTERIORELLY FORCOSA V. GRACILLERA	59.6	0.89			
BLUF-GFEEN UNKNOWN CELLS	23.2	0.35			
ETHI-CEMEN HIKNOWN COLONY	11.6	0.17			
CHILAM DOMONAS SP.	511. a.r.	7.64			
CHROCOCCUS SP.	n 0	7.00	, , , , , , , , , , , , , , , , , , ,	1	•
CYCLOTELLA ATOMUS	54.6	0.92	COUNTED BY: M.K.	DIVERSITY	T = 2.85
CYCLOTELLA CONTA	1.7	0.02	METHOD: SETTLE-PREEZE		
KUETZINGIANA	1.7	0.02			
CYCLOTELLA MENEGHINIANA V. PLANA	1.7	0.02		CELLS/ML	_
	16.5	0.25	S SP.	8.0	
		0.05	5	8.0	0.47
CICEC: SELA SIG	0.01	2 15	ANALAKNA UP.	2.5	2 . 6
CICLOICERA DICERTAGNA Dibiona februa V. Riongefie	•	0.05	3 6	, 0	32.00
DIATORA VILLERAR	1.7	0.02	Ω.		26.13
DINCEP YON DIVERGENS	14.9	0.22	COSTASTRUM SP.	0	20.0
SCHINOSPHALRELLA LIMNETICA	1.7	0.02	CRYETCHONAS SP.	1.2	0.71
PIAGELLATES	3.3	0.05		0.8	0.47
PREGILAFIA CROTONENSIS	82.8	1.24		3.7	2.13
GLOFOCYSTIS PLANCTONICA	21.5	9.32	SP.	13.2	7.58
GLOENCYSTIS SP.		1.21	CYCLOTFILA STELLIGERA	75.3	43.13
CANADA COLOCOLA CANADA	230.2	3.00	PINCHE TON DIVERSION	2.0	
GREEN PILAMENT, UNKNOWN	3.9	50.0	SESNER OF ORDER OF SERVICES		, a
PELOSIFA GRANULATA	40B.8	6.11	GI OFOCYSTIS SP.	7.1	20.0
MELOSIER GRANULATA V. ANGUSTISSIMA	1876.8	28.03	GENER COCCOID, UNKNOWN	9.9	3.79
PTCROCYSTIS AERIGINOSA	7.7	0.02	GEBIN COLONY, UNKROWN	₽. #	2.37
NAVICULA SP.	- 4	0.02	HILLOHONAS SP.	3 °	0.24
FILESCHIK FALSA FIFTACHIA SP.	13.2	20.0	APPLOATED GENERAL A SCHOOL SEE STANDARD SEE	., . ., .	0.00
OCCYSTIS SP.	8 9	0.12	SP		
OSCILLATORIA SP.	9.9	0.10	, IIS	7.0	0.24
Profastaur duplex	1.7	C.02		8.0	0.47
ONADPIGULA LACUSTRIS	1.7	0.02	TPHANODIS CU	6.2	3.55
SISNEL AND ANTENDED ANTENDED AND ANTENDED ANTENDED AND ANTENDED ANTENDED AND ANTENDED ANTENDED AND ANTENDED ANTENDED AND ANTENDED AND ANTENDED ANTENDED AND ANTENDED AND ANTENDED AND ANTENDED	r. t	0.02	SYNFORA SP.	4.0	0.24
SCHOOL STANDARD	1.7	20.0		, ,,,,	•
PIROAPHUS	5.0	6.07			
SCENTERSHUS QUARRECAUDA V. MAXIMUS	e.e.	0.05			
NOTE TO BOX OF STATE	9 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °) L			
TOUR BEAUTY OF THE SECOND OF T	•	;			

DC-2 KO.JF FORMS # 39 COUN.ED MY: B.K. METHOD: SFTILE-FPBEZE		DIV3PSITY. =	3 337	bc-3	MO. OF PCAMS = 47 COUNTED BY: F.K. METHOD: SETTLE-FREEZE		DIVERSITY	2. 2. 92
	STTZO	S/AL P	PERCENT				CE1.15/31	PZACZWI
ACHNANTHES CLEVES V. FOSPRATA		<u>.</u> .	80°0	AMPHIPLEMEN PELLUCIDA	PELLUCIDA		7.0	7.0
AMPRORA DVALLY V. LICTOR	- 4	٠ د	N 60	AMKISTRODES	HUS FALCATUS		9.9	0.27
SELECTION OF THE SELECT	, 33		, c. c.	A PHANOCLP 3A	PHANOCLPSA SP.		1.7	
APHAGOCAPSA SP.	30		0.78	ASTETICHBLIA FORMOSA	N FORMOSA		3.3	0.14
ASTRPTON'TLEA POPMOS!	23	23.2	1.21	CALLTY POSONAS	18 Sp.		196.9	9.38
DEUL-GREEN UNKNOWN COLONY	•	1.7	0.09	CHECOCOCOUS LIMBILICUS	LIKHSFICUS		13.)	0.82
CHILANDORONAS SP.	276.4		14.46	CRYPTOROTAS	SP		6 t. 5	2.65
CHINOCOCOUS TEXABILOUS	24.	.	٣.		SURGEN		`.) i
COLLOS TRAEFING RANGELLANCE	m :	m (٠. ۱	CYCLGTELLA ((CO) (CO) (CO) (CO) (CO) (CO) (CO) (CO)		`.	2.0
CHAPTORONAS OF.			ຕຸ '	CYCLOTHIA CEYPLICA	TO THE STATE OF TH			200
	ເດເ	٥,	~:	CICLOTELLS KHETZINGLAN	V 2 V 7 2 V 7 2 V 7 2 V 7 2 V 7 2 V 7 2 V 7 2 V 7 2 V 7 2 V 7 V 7		? ·	
CYCLOTELLA CPYTTICA CYCLOTELLA KUTHUTHA	a v	ວິດ	3.26	CYCLCICATION				0.20
	. •-		٠.	CYCLOTFLLA	S		61.2	2.51
KICHERNIANA	- ~	3.3	0.17	DIATONA TENUE	IE V. ELONGATUM		1.7	0.37
	· w	5.3	0.26	DINOPEYON DIVERGENS	LVBPGBNS		ი. ე.	9.20
CYCLOTELLA SP.	23	. 2	1.21	FLAGYLLATES			198.6	9.15
	S.	٠.	٠.		SISNOTORINGIS		167.2	9.00
DIATEMA TENHE V. SLONGATUR	no d	۳. ش	0°43	FLAGILARIA	FEAGILARIA INTEPNEDIA		- C	- 6
DINCERYON PIVERSEES	80.4	7,0	700	GLOS OCISITS FLANCS	TING CALCA		7.0	70.0
	901	D .	50.0	COLUMN COLUMN SINGER	N HONNIE - V			
かった かいこうしょう プレー・アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・	900	n 18	1.30	MELOSIBA GERNULATA	NULATA		31.4	1.29
FILOSIES GENETIAES		9.9	0.35	RELOSIEA GP	GRANULATA V. ANGUSTISSIEA		1284.3	52.72
PELDETEA GERNELATA V. ANGUSTISSIER	90	, m	42.34	FRVICULA SP.			6.9	0.27
		3,3	3.17	NITZSCHIA ACICHLAFIS	SICHLAFIS		1.7	0.07
NITESCHIA ACTORDAMIS	₩,	8,3	0.43	NITZSCHIA SP.	•		36.4	63.0
NITZSCHIA SP.	79	٠. ا	3,38	OCYSTIC SP.	; ;			, o . o .
OSCILLATORIA SP.		٠.,	000	Added an action of the second	DEFLEX DICTION AND TO		• •	
PEGERSTRUM DUPLEX			200	SCHOOL DESCRIPTION OF THE PROPERTY OF THE PROP	DIRECTION TO		e e	
ATROTON ALBOROUS AND ALBOROUS AND ALBOROUS ALBOR	. ·	٠,٠	- 0	SCENEDEREDS	DISONE 30 SATULATUS) m	9.0
SCHEENING SCHEENING SCHEENING	- ~	6.6	0.52	SCENEDESKUS	OUADPICAUDA		0.0	0.23
SCREED ESKUS DIPORPHUS	**	5.	0.78	SCENTDESMUS	S.P.		3, 3	0.14
SCENEDESHIS OURDRECAUDA	e	۳.	0.17	STEPHANODISCUS ASTRABA	THE ASTRACA		1.7	20.07
SCEVEDESHUS SP.	ω 1	5.0	0.26	STEPHANOSISCUS			80 c	1.22
STEPRENOFISCUS ALPINUS	ייי.	۰ •	0.26	CHERT NOT COLOUR	110 5114		0.5	
カロペイル かいしゅう かいしゅう かいしゅう かいしゅう しゅうしゅう しゅうしゅう かいしゅう しゅうしゅう しゅう	J 6	J = 1		STEPHANOUTS			11.6	84.0
STEPRES SOOF SOOF STEPRES	· @	. n.	 	SURINE LLA ANGUSTA	VGUSTA		1.7	0.07
STEPHA NOD ISCUS SP.	96	=	1.30	SYNEDRA ACUS			1.7	0.37
STIPHANDISCUS SUBTILIS	72.	æ.	3.31	SYNEPRA DELI			16.5	0.68
STEPHA NODISCUS TENUIS	6	6.9	0.52		DELICATISSIKA V. ANGUSTISSINA	THY	9.9	0.27
SURIDULLA ANGUSTA	71.	٠, ۱	7.0	TINITE WALLE	TELL TOURS OF THE		0 5	
STREET FILT FOR TS	. ·	0 ~	7 6 7		PENTAZORICUM			0.07
TABELLASIA SONESIALA	35	91					נ אנונ	
TETEAFERON SP.	-		60.0.			3 4 4 0 4	7.00	•
	TOTAL 1911.	u .	100.0					

TOTAL

DC-5 MO.OF FORMS = 50 COUNTRD BY: D.P. FILIOD: SETTLE-PREZZE	DIVERSITY	= 3,25	DC-6 NO.UF PORMS = 40 COMPTED BY: E.K.	DIVERSITY	TY = 3.89
	CELLS/ML	PERCEVE	RETHOD: SETTEM-PREEZE		
ABAUAUR TIOS-AUDAE	9.0	0.67		CELLS	AL PERCENT
# 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		74.0	PEARLENE CIRCINALES	-	0
	1.9	0.27	CANANAMA ST.		68.0
CHROOCCCUR LIMNITICUS	4.1.9	6.03	NOTION ACCOUNTS TABLEAUGH		
CPUCIGINIA QUADRATA	18.6	2.63		7.51	
d tr	9.3	1.34	DIUT-DETER UNKNOWN COLONY		
	9.9	3.13	CERATIUF HIRINDINELLA	0.8	
	3.7	3°.5¢	CHLAAY DONORAS SP.	59.6	
	ر. و و	0.13	CHRUNCCCCUS SP.	46.4	
CYCL OTHER A RUBINSHING AND CYCLOST OF A STREET AND CYCLOST A RUBINSHING A STREET AND CYCLOST AND CYCL	~ o	5°25	CLOTTERIUM SP.	1.7	0.35
	יי ניי	- 0	COSI, ANTEUM SP.	0	
	9 6	0.13	CONTACTUM SP.	e	
	9.4	0.67	45500 4111400AD		
CYCLOTELLA STELLIGERA	5.6	0.80	CYCLOTYLLA GICHIGANIANA		
DIRCDE YOU DIVLESENS	7.4	1.07		30.6	
DISCHERCH SOCIALE	6.0	0.27	DINGERYON BAVARICUM	2.5	
	160.	10.24	DINOBPYCH DIVERGENS 1	24.0	
TOTAL CHUIC CHUICAN TO	5 7 7 7	3.75	FLAGELLATES	111.	
さいこうしていないしない ひとっちょうしょうしょうしょうしょうしゅうしゅうしゅうしゅうしゅうしゅうしゅう はんしゅう しょうしゅうしゅう はんしゅう かんしゅう かんしゅう かんしゅう かんしゅう かんしゅう かんしゅう かんしゅう かんしゅう かんしゅう しゅうしゅう しゅう	2 C	200	FRAGILALIA CPOTONENSIS	7.917	
E		2.0	GLOSOCYSTIS SP.	- ·	
PELCEIPA GRANULATA	34,3	96.4	COLUMN SERIA SE		
RELOSIFA GEANNIAIA V. ANGUSTISSIKA	13.0	1.83	TO THE OFFICE OFFICE AND CONTRACTOR		
MELOSIFA ITALICA	3.7	0.54	:		
NITZSCHTA ARPHIBIA V. POSSILIS	0.0	0.13	MICPOCYCIIS SP.	. W	
NIZZSCHIA COMFINIS	m c	0.54	MITESCHIA SP.	3.5	
NELCOURTS FURNICODS	, r	0.00	OSCILLATORIA SP.	8.0	
NITZSCHIK SP.		2.50	QUADRIGULA LACUSTRIS	0.0	
OOCYSTIS SP.	13.0	1.88	RATZONOLENIA TELEZULNA Alekaniana etterialiania	2.5	20.0
OSCILLATORIA LIMNETICA	0.0	0.13			
SCENEDESMUS BICHLIULARIS	1.9	0.27	STEPHANODISCUS ALPINUS	8.6	
	ب پ	77.0		4.1	
ACTES DESCRIPTION OF TANK AND ACTES OF TANK AND	•••	3 F W	STEEHANODISCUS SP.	9.1	1.0
SCHOOLS BOARD CAUDA SCHOOLS BOARD SP	- ~	- a	SHRIPELLA ANGUSTA	-	m :
SCHIOLDIFILLA PAPILLATA	7.4	1.07	SIMPLE FILLFORMIS	د. د.	٠·
	9.2	0.67	SYNEDRA SP.		0.0
STEFFIA NODISCUS HANTZSCHII	3.7	0.54	TABELLARIA PENESTRATA		
	10.2	1.47			•
	m 0	1 ° 0	TOTAL	AL 467.6	100.0
STEPHANDLEGUS SUBILLES STEPHANDLEGUS TEMUTS	n o .	0.13			
SOL	6.9	0.13			
SYNEDDA SP.	 6.	0.27			
TABLELATIN, FERUNTRALA V. MATERNARULA Tetteradon kinisuk	, e c	# M			
ULOTHAIX SP.	. 6	٠,٠			

692.3 100.0

FOTAL

	·	0.83	S	=	-	۲.	಼	7	0	?	G	9	G	Ci.	٦.		7		۲.	0	C	0	7.	۲.	ີ	m,	9	2	9	2.81		100.0
	c.	24.8	4	1337.2	3.3	3,3	1.7	8.3	1.7	1.7	1.7	139.0	1.7	9•9	3,3	3,3	9.9	21.5	3,3	1.7	91.0	1.7	81.1	5.0	1.7	11.6	1.7	8,3	1.7	94.4		3005.5
		m F	FARUL	BANULAT	TALIC	SSP	PPI	o.	NAVICULA TRIPUNCIATA	NEIDIUM SP.	•	SP	بد	I A S	S ABURDAN	S BICELL	S DIMORPHU	s sp.	SCUS ALPINU	SCUS ASTRA	SCUS HAN	SCUS NINUI	SCUS SP	SCUS TENUI	LICATISSI	LICATISSIM	Kerare	LIFORM	NA V. CHAS	FEUESTR		TOTAL
= 3.21	PERCENT 6 06		C	Τ.	C.	۲.	5	۲.	۳.	⇒.	m	C	Ċ	۲.		C	0	7	7		?	۲.	0	۲.	٥.	J.		5	~	0.06	Ň	0.22
DIVERSITY		1.7		•	1.7	•	÷	•	•	43.1	6°6	1.7	1.7	64.6	1.7	1.7	1.7	13,2	9•9	81.1	1.7	3,3	1.7	S		~	112.5	16.5	3,3	1.7	•	9•9
NDC.5-0 NO.07 FOAMS = 62 COUNTED BY: 3.K. METHOD: SETTLE-F?ERZE	HODA: GU VORIN VA	LANCE		•2:	\mathbf{c}		ANKISTRODESHUS FALCATUS	APHENOCAPSA SP.	ASTERIONELLA FORMOSA	CHIN MYDOMONAS SP.	CHROOCCCUS SP.		COSKARIUN SP.	い	₽;						STELLI	DIATOMA TENUE V. ELONGATUR	DINOBRYON DIVIBGENS	DINOFLAGELLAGES	FLAGELIATES	FRAGILATIA CAPUCINA	FRAGILARIA CROTONENSIS	FRACILARIA INTERNEDIA	FRAGIL AATA PINNATA	GLENODINIUN SP.	SIUCKEUR	GREEN COLONY, UNKNOWN

	24000000000000000000000000000000000000
	10 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	PELOSIFA GEANULATA PELOSIFA GEANULATA V. ANGUSTISSIFA MELOSIRA ISLANDICA MELOSIRA ISLANDICA MELOSIRA ITALICA SUBSP. SUBARCTICA NAVICULA SP. NITZSCHIA SP. OCYSTIS SP. OCYSTIS SP. OCYSTIS SP. PEDILATORIA SP. PERIDINIUM SP. PERIDINIUM SP. PERIDINIUM SP. SCINEDESMUS BICKLUARIS SCENEDESMUS BICKLUARIS SCENEDESMUS BICKLUARIS SCENEDESMUS BICKLUARIS STEPHANODISCUS ALPINUS STEPHANODISCUS SUBTILIS. STEPHANODISCUS TENUIS STEPHANODISCUS TENUIS STEPHANODISCUS TENUIS SYNEDRA ACUS STEPHANODISCUS TENUIS SYNEDRA ACUS TABELLARIA PENESTARIA TABELLARIA PENESTARIA TABELLARIA PENESTARIA TABELLARIA PENESTARIA
	PERCEUTA DE CO
DIVERSITY	CELLS/KL 13.2 13.3 13.3 13.2 13.2 13.2 13.2 13.3 13.3
NDC.5-2 NO.OF FORMS = 51 COUNTED BY: E.K. METHOD: SETTLE-FREEZE	ACHRANIUTS CLEVEI AMPHIPLEURA PELLUCIDA AMEHOPA OVALIS V. LIBYCA ANABAENA CIRCINALIS ANKISTFODESMUS FALCATUS APHANOCAPSA SP. ASTERICKELLA FORNOSA CHLANYDONONAS SP. CHLANYDONONAS SP. CHLANYDONONAS SP. CRUCIGENIA QUADBATA COSMARIUM SP. CRUCIGENIA QUADBATA CYCIOTELLA CONTA CYCIOTELLA CONTA CYCIOTELLA MENEGHINIANA CYCIOTELLA MENEGHINIANA CYCIOTELLA MENEGHINIANA CYCIOTELLA NICHIGÁNIANA CYCIOTELLA SP. DIATOMA TENUS V. ELONGATUR PRAGILARIA CAPUCINA FRAGILARIA CAPUCINA

TOTAL 2414.6

			•	Ġ	6.	٣.		G	ଂ	æ	.2	٠.	٠	Ġ	٦.		٠.	۲.	?	06.9		0	7.	7	09.0	₹.	٣.	.2	'n	0.2
	29.8	ຕຸ້ນ	3,3	5	1395.0	Ċ	8,3	1.7	₩	ი•96	8,3	1.7	1.7	1.7	ა.ა	9*9	3,3	3,3	œ	29.8	8,3	_	σ	-		m	11.6	9.9	53.0	8.3
	NOLDNY BINGLON	COLONY, UNKNOWN	MAS SE.	SA GRANULA	SA GRANCIATA V.	BA ITALICA SUBSP. SUBARCTIC	SA	SP.	HIA A	IIA S	TOFI	S KOIN	2010	APIA SP.	DENIA ERIEM	DHABOWID SDASE	S0 883	38.405 SP.	HODISCUS ALPINUS	NODISCUS HA	ADDISCUS MINUTUS	MODISCRS MISCAR	NODISCUS SP.	RODISCUS SUBT	MODISCUS TENUI	A FILTFORKIS	A OSTENFELD	SYNEDRA SP.	NEIN PENESTRAT	a:
= 2 · 8 · 3	PERCENT 0.05		د.	?	ıÜ	5	୍	0	3	0	3	m	~	?	٣.	۲.	.	ः	2.	2	.2	.5	3	ο.	9	٦.	9	۲.		
DIVERSIIT	CELLS/KL	1.7		1.1	16.5	1.7	36.4	1.7	1.7	1.7	117.5	6.6	11.6	1.7	6.6	5.0	1.7	1.7	29.8	8.3	41.4	19.9	1.7	9	19.9	3,3	183.7	3,3		
NDC 1-0 NO.OF FORMS = 58 COUNTUD BY: E.K. AETHOD: SETTLE-FREEZE	AFFWOR A TRANSIC VARIANCE	V. LIBYCA	AMPHORA OVALIS V. PEDICULUS	i	ANABAZNA SP.	APHANOCEPSE SP.	fı,	CALONEIS VENTETCOSA V. TRUNCULATA	CERRITUM HIGUNDINGLER			CHECOCCUS PRESCOTATE	CHROCOCCUS SP.		CRYPTOFONAS SP.	CYCLOTELLA CONTA				~	e. 0.	DINOBEYON DIVERGENS	DINOFLEGSLIATES	FLAGSLLATES	CAPUCIEN V.	ERAGILIPIE CAPUCINA V. MESOLFPIA	SISKENOTORD) F ·		

3326.5

			NDC 1-2 NO.OF POPRS # COUNTED BY: R	= 51 Z.K.	DIVERSITY	= 3.12
NUC 1.1 NO.OF FUERS # 42	DIVERSIFY	= 2.42	S ETT.	-PREEZ 2		
MATHOD: SUTTLE-FREEZE			+B22-10 082+7-1250		CETTS/HT	PERCEN
		- 1			11.6	0.32
STITUTE DOLD WALKERY	CELLS/RL	PERCENT	ANKISTEOPUSHUS PALCATUS		9.9	0.18
ANYISTIOLESTUS FALCATUS	3,0	0.10	APHINOCAPSA SP.		1.7	5.5
APHPNOCIPSA SP.	14.9	0.50	A 31 5 3 L CHELLA FORMOSA		46.3	1.29
ASTERICHTIN FORMOSA	59.6	2.01	CHEANT BOYONAS SP.		56.9	15.80
CHLYRYTONONAS SP.	1.7	90.0	CHICOCCCE NE.		20.	
CHARLES SP.	31.4	1, 36				
	1.7	9:00				
これに、いていることにより、 これになっていることによっていることによっていることによっている。	3° C	3°.	CAYPONONIA SP.		76.1	7.13
マードラン トコンドラ アンプライン マップ・アンプライン アンファン・アンプライン・アンファン・アンプライン・アンファン・アンプライン・アンプライン・アンプライン・アンプライン・アンプライン・アンファン・アンプライン・アンファン・アンアンアン・アンアンアン・アンアンアンアンアンアンアンアンアンアンアンア		7.0	TENDE VITTER OX		9.9	0.18
CYCLOTELLY OCELLATA		- · ·			. m	90.0
CYCLOTILLA SP.	87.7	0.00 0.00 0.00			1.1	0.05
DIATORA TENUF V. SLONGATUR	9 9	0.22	CYCLOTELLA MICHIGANIANA		3.3	0.09
FIROSPYON DIVERGENS	3,3	0.11	CYCLOTELLA OCELLATA		33.1	0.32
FLAGSILATES	147.3	96°ħ	•		144.0	ال د . م
FPEGILARIA CFOTCHENSIS	504.8	16.99	NITHOUN WALL OF WHEN ELONGATUR		7.7	ກ ເ ວີ ເ
GLOTOCYSTIS SP.	94.9	9.50	DIROCKION DIVERSEUS		0.00	2 0
	46.0	1.62	TENNESCE DECEMBER OF AN INC. TO CHOOSE THE PROPERTY OF THE PRO		, r a	200
REPUBLISHED OF SHOOTS A SACOUTED THE	0.50/1	57.43	GLOFOCYSTIS SP.		23.2	19.0
		0 • 0 •	GREEN COLONY, UNKNOWN		1.7	0.0
			RELOSIEN GRANULATA		155.6	4.32
KITZSCHIK PAPVULA	1.7	90.0	MILOSIEA GEANULATA V. ANGUS	ANGUSTISSIRA	1631.8	45.29
NITESCHIA SF.	26.5	0.89	RICHOLYSTIS SP.		9.9	0.18
CSC1 LLATUATA SP.	1.7	90.0	NAVICULA, SP.		7.7	0
CUARTICULA LACUSIBIS	1.7	9.0	NITZSCHIA ACICULARIS			9.0
FILIZONCENTRY DELIVERS	1.7	90.0	NITESCHIA DISSIPALA		 	.0.4
	m. r		: -		9	
の一つでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、これのでは、		90.0	1 1		• •	- 0
	0.0	- · ·	ABUNCANS		1.7	0.05
	, ,	0.11			6.6	6.28
SCENEDESAUG SP.	34.8	1.17	SCENEDESTUS BLOUGA		9 9	0.18
	3,3	0.11	SCHEDESHUS DINORPHUS		28.1	0.78
STEPHENOPISCUS ASTRAZA	1.7	90.0	SCINEDESMIS OURCRUDA		5 U	.
STEPHAROLISCUS HANTSCHII	3,3	0.11	SCHEDISCES OF		000	9 6
SIEFIKEULISCHO SP.	7.2	2.40	STREET NOTIFICATION OF THE STREET		273.1	, ,
STATISTICS AND THE ANDRESS OF A MADERNARY	- 60	9 (STEPHANODISCUS SP.		81.1	2.25
SYNDAR SP.	7.1	7.00			6.6	-
	- d		STEPHANOPISCUS TENUIS		1.7	0
TETENEDRON PENTAEDRICH	1.7	90.0			6.6	0.18
	• •	•	DELICATISSINA		6.6	7
LOIAL	2970.7	100.0	DELICATISSINA	V. ANGUSTISSIMA	6,	?:
			SING CAR FILLFORMES		• •	20.0
			ABFILLAN		7 · · · · · · · · · · · · · · · · · · ·	
					7	0.09
			ETFLEDRON		7.7	00.0

NDC 2-0 RO.UF FORAS = 44 COUNTED BY: E.K. METHOD: SECTES-PREEZ B	DIVERSITY	я 3,53	FPC 2-1 AC.OF POPRS # 47 COUNTED BY: E.K. METHOD: SETTLE-PREAE	DIVERSITY	2. 2. 95
				CELLS/ML	PEPCSNI
	ことにいると	1.5 N N. J. C O N. J. C N. J. C.	SPHOPA OVALIS	e	9.0
ACCEMATED S SALGOA			ANZEA ETA CIPCINALIS	۳,	80°0
		7.76		76.5	0.41
ANARAS NA CLECTARLES	2 2	•	LUKISTFOUSSAUS PALCATUS	9.1.	0.29
	6 40	. 3	ASTER CHELLA FORMOSA	81.1	2.39
APIII NOCAPSA SP.			CHLI MY POMORAS SP.	413.8	10.23
ASTERIORFILA FOR SOSA	20.0		CHREOCOCHS SP.	18.2	0.45
CHERRDONOMAS SP.	0 F	, c	Carriououss sr.	71.2	1.76
chreacecens sp.		- 0	CYCLOTELLA KUETZINGIANA	18.2	0.45
COCCOS YXX : SP.	* c	, , , ,	CYCLOTELLA MENGGHINIANA	2.0	0.12
CHUCICENIA CUAPPATA] =	CYCLOTFLLA MICHIGANIANA	55	0.12
CHYPTORONAL SP.	•	•		11.6	C. 29
CACLOTELLA COMEA			CYCI OTLILA SP.	7.98 L	3.0
CYCLOTELLA OCELLA:A		3.33	DINCHAYON DIVERGENS	æ ;	0.20
CYCLOTELLA SP.	1 3	6.13	FLAGELLATES	456.3	11.29
こうしょうじょう コンプログラン アンファンコン・コンプログランド アンファン・コンプログラン・コンフェール・コンプログラン・コンフェール・コンファール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンファール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフェール・コンフンフェール・コンフンフェール・コンフェール・コンフンフンフンフンフンフンフンフンフンフンフンフンフンフンフンフンフンフンフ	2.4	Č. 13	FRAGILASIA CROTONENS IS	7.5	000
THE FIGURE CONTRACTOR OF THE STATE OF THE ST	6.3	0.25	GLOFOCYSTIS SP.	۷۰۴۱	6. ° °
	438.1	22.34	GOMPHO SPHAEFIA LACUSTRIS	~ ·	000
PLAGULLA 1.5	7.6	0.51	GETLE COLONY, UNKHOWN	'n,	3.12
MONAGIL SPIK CAPUCINA	591.5	30.97	GRANULATA	36.4	06.0
TOTAL DARING CACADORS	0.10	1,15	MALOSIER GEANGLATH V. ANGUSTISSINA	2012.5	77.67
G10100075115 5F.		0.25	ALICA	2.5.	C . 4 . 0
GORMAN STATE STATE				ن س	0.12
GALLET COLUMN, UNNAUMA	7 0	21.0		7.7	#C.0
MALL ORGANS WE.	3 1 2	1,66	NITZSCHIA PALEA	13.2	5.33
THE COLUMN CONTROLLARS OF PROPERTY OF STREET	79.6	4.16	NITZSCHIA SP.	0.5	2.23
TOPE A . ABGUSTES	7.3	0,38	•	۲۰۰	1 · · ·
NAVICULA SP.	2,4	5,13		`.'	3 6
	7 7 7	0.13		٠.٢	* C * C
N. 1730 His Acidorana	131.4	86.9	~	13.2	7 c
	6 7	0.25	SOURCE BOOK OF A BOOK DANS		
DOCTOLED OF SP.	2.4	0.13	MODERNO ESPECIA PERCEINATION OF A CONTRACTOR O		
PARTY STAIN DUFFEX	2.4	0.13	SOLETHER STATE OF STA	18.2	S 1 0
SCEPEDESKUS ABUNDANS	34.6	0.76	PIRDET CATION	28.1	0.76
SCENEDESHUS PICTILULARIS		S	SCHNED ESKUS SP.	1.7	9°0°0
SCENEDESSUS DIMORENUS	ر ور د ور	7.12	STEPHANODISCUS HANTZSCHII	221.8	5.48
SOFASTEUR AMERICANUM	3 r	200		11.6	0.29
STEPHAROTSCUS RANTZSCHII	۰, د د د د	0.00 0.00 0.00 0.00	STEPHANODISCUS SP.	86.1	2.13
STEPHANODISCUS NIAGARAE	÷ 6	7 C	C	13.9	64.0
SEPHARODISCUS SP.	7.67		TENUIS	8,3	0. 20
SYNTORA DELICATISSIMA V. ANGUSTISSIMA	2.0		SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	8.3	6.23
SYNTORA SP.		. د	SYNTDRA FILIFORMIS	S	_
TABLL ARIA PENESTRATA		•			67.0
TEIMAEDHON PENUAEDHICUM	:		ABILLAFIA	69.5	٠, ۱
1400	1909.7	100.3		7.1	0.0
B C 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4)))	TETRASTEUM STAUROGENIAEPORME	5.5	ac.0

TOTAL 4045.7

NDC 2-3 NO.OF FORMS = 66 COUNTED BY: E.K. METHOD: SETTLE-PREEZE	DIVERSITY	3.16			
	CELLS/11	PERCENT		;	•
SELECTION OF CONTROL O	=======================================		SIEG GEBNOLAT	7.63/	
S SP.	· · · ·	•	MDIOSIES ISLANDICA	m•3	7
ひにしてし かたっかい こうけいけい) t	•	SIRA ITALICA	2.5	۲.
BANK DESCRIPTION FAMORICA	C • 7	•	CHODEDIA	•	•
ASTERNATION FILTRED FOR SOLVE	40.6	ŝ	SHOP DIA TERMS		• (
SIUB-GEERN UNKNOUN COLONY	2.5	٦.	ILA DECU		7.
CHLAMY DOMONAS SP.	9.1	ູ	ΪÄ	÷	L1
CHRODOCCOUS LINNELICUS	19.0		HIA S		٠.
CLOSTERIOPSIS LONGISSIKA	7.1	-	IS 35'	2.5	۲.
COSMANTUM MP.	. e.		ATOBIA	•	°.
	, c	•	TERES RUEL	•	13
200	71.	•	GULA LACUSTE	•	٠,
٠	1	•	CLENIA ERIEN	•	۲.
	n c	• •	ESKUS ABUNDANS	9.0	
とう イントコンドコンドン) n	•	ESHUS BICE	1.7	۲.
	n r		ESPUS BIJUGA	1.7	٠.
		٠,	DESTUS DING	9.9	9
	ς α • C	- C	ESMUS QUADRICA	•	
15	7.7	•	ESKUS SP.	5.8	۳.
	 	•	S MURIS	•	٠.
	1.7) (C	BINDERAN	8 ° 5	0.37
	6 6	. 9	NODISCUS HANTZSCHI	32,3	Ç
PINOFLAGGLLATES	9 60		NODISCUS MINUTU	1.7	-
FLAGELLATES	229.4	w.	NOPISCU	;	۲.
FRAGILABLE CAPUCINA	m	. ~	NOBISCO	. 19.9	?
CEOTONINS	6.6	. 5	NODISCU	2.5	۲.
FRACTLANTA INTERESTA	5.0	ຼ	NOTISCUS TENUI	2.5	۲.
a.	1 44	. S	A ACUS	m, 3	٠į
_	0	9	() K	3,3	۲.
GOMPHOSPHATELY LACUSTRIS	. (IA FILIFORMI	16.6	٥.
CARPA COLORS ORANGAM	L	. "	٠.	•	
FILANTA			SYNEDPA ULNA	0.8	0
		, ,	PRIN FUNESTRAT	22. u	.
PELOSI BE GRANULATA	•	=	DEON PENT	8.0	
			TREOL	1506.6	100.0
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	•

NDC 4-3	NO.DY PORMS * 46 CCUNTED BY: F.K. RETHOD: SEITLE-PEEZE	DIVERSLIY	3.71		
		าห์/ราชอ	л, Н		
ACPENYTHES LANCHOLATA	ANGROLATA STT: U:TOA	 	80.0		
ANTEREST SP.	e 4 7 6 7 1 1 1	. e. e.			
ANKISTROPESHUE FALCATUS	US FALCATUS	3,3	۳.	CC B SEACO AT OF STATE OF S	A VTIVENTO
RPHANOCAPSA SP.	SP.	6.6	98.0	COUNTRD	
ASTERICABLLA		9 .	 	NETHOD: SETTLE-FRZEZE	
BLUE-GFFUR UNKROS	DICHEGRAND CORNERS OF COLONY	78.7	7.46		
	, n. r.	25.7	2.43	1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CELLS/AL P
CENTOROLOGIS	• a	27.3	2.5	AMACKSTIS SP.	0°0
CYCLUTFLL: CONTA	### O	5.0	6.47	ANTER FOR THE FORM ON	13.0
CYCLOTILLA	PULTZINGIAMA	¥.0	30°0	•	6
CYCLOTELLA "	LEGHT NIANA	- ·	ر د . د .	COSEAPIUM SP.	3.3
	ANVINCE CONTROL AND	≥ 0 0 ±	; [Ġ	6.6
C CLCLCLLLLA C	OCERENTS ND	n 68	=		o r
	OTT LITERA	8.0	0.18	CYCLOTELLA RUMIZINGLANA	- «
DACTYLCCOCCOPSIS SP.	PSIS SP.	1.7	0.16		
LIATORA TPRU	LIATORA TPRUE V. DLONGATUR	œ : ت :	90.0	FLAGELIATES	99.3
PINCREYON DIVERGERS	VERGERS	· .	20.00	FRAGILARIA CFOTONENSIS	223.4
FLAGFLLAFFS		309.1	12,15	GREEN COLONY, UNKNOWN	1.7
FAMCLLAILA C	FOLUMENT DES		76.0	MELOSIFA LTALICA	m .
GICHOLYNTHE SP.	ο	9.6	0.63	NAVIGILA SP.	
GOZ P "O SP 11 A E A I A	- Lin Kit	•	0.39	NITEOCHIA VI.	
MALLONCYAS S	.р.	ຄ.ດ	0.06	OUADPIGULA SP.	1.7
MELOSIPA AND	STOUR	19.0	1.81	SCENEDESMUS BICKLIULARIS	1.7
RELOSTEA GLA	KULATA	m (*)	0.31	SYNFDRA DELICATISSIMA V. ANGUSTISSIMA	3,3
KELOSIPA GE	r c	6.061	14.54		
MELCSIPE IN	LICA SUBSP. SUBANCIACA	9 6	, a	TOTAL	433.6
A CHICATANA		1.7	0.16		
STINCTION NO		25.7	2.44		
OSCILLATORA	. S. P.	a.c	3°°0		
KHINOSCI HA	I EFIENSES	1,7	0.16 0.06		
SCENEDESMUS	DIMORPHUS	æ r	30°0		
SCENTDESKUS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 5	96.0		
Date of the same of	THE PRESENCE OF THE PROPERTY O	0.00	2.5		
	SDEDELE SOLDER	1.7	0.16		
SIGNARADIS	10.5 SP.	27.3	2.59		
STITHIA NODIEC		0.9	0.08		
SYNDDEA PELICATISSINA V.	ICATISSINA V. ANGUSTISSIMA	ۍ. ه ۱). 16		
SYNFORA FILIFORMIS	(TO) 23 IS	n m	000		
CAMEDIA OD		1.7	0.16		
TABELLARIA E	RIN PENESTRATA	3 · C 3	3,93		
FAEL	PRIGONUAL	в. О	0.08		
	TOTAL	1053.7	100.0		

	NDC 7-1	MO.OF FORMS = 33 COUNTED BY: B.K. METHOD: SETILE-FRESZE	DIVERSITY	1 2.62	NDC 7-3	NO.OF FORMS = 3A CCUNTED BY: E.K. NETHOD: SETTLE-FREEZE	es.	DIVERSITY	= 2,59
			17.7 0 1 1 1 1 0	()					
	LNAFAENA SP.	•	3 4	FEACEUR 100	o oantween	£		CELLS/AL	
	A NKI OT BODES MUS	SHUS FALCANDS		•	CHANTELLO D	•		•	•
	OF ARGENCHARIES				2016 A 11 A 1			•	•
	COMMON A CONTROL OF THE COMMON ACCORDANCE OF T		 	-	MACYSTES SP			•	٠.
		WOOD AND WAR		•	KISIFOLIS	e.		9.9	٠.
	Catabat Conduction	**************************************	\sim	٠,		S		•	٠.
	CHECOCICCIS SP.		e , 9	0.27	ASTEPTONFLLA	FOR		9,6	٠,
	CHUCIGENIN FRICULATA	FIGULATA	1.7		=	SP			• •
	CEYPTOROVAS SP.	. S.P.	162,3	~	CHECOCOCUE			•	•
	CYCLOTELLA	COMTA	11.5	., 38		а		•	•
	CICLOFEILA	KUSTZINGIANA	6.6	0.32	e C	AH SC		, -	• ` ,
	CICLO" PLLA	OCELLATA	13,2	0.43		NEGHINIAN		. 6	• ``
	CICLOSELLA	on a contract of the contract		3.13		CHIGANIANA		•	
	F L L G T L L L L L L L L L L L L L L L L			40.88	CYCLOTFILA OC	FLLATA		, m	
		CAPUCLNA	9.64	1.62	CYCIOTFLLA SP	•			٠.
45	TAN TAN DA	CRONONFRO IN		2.21	DI NOFLAGELLAT	SI		<u></u>	_
		V10 15 15 15 15 15 15 15 15 15 15 15 15 15	3,3	0.11	FLAGELLATES			1085.7	
	CONTROLLERAN	ELA LACUSTRIS	-	0.05	FFAGILARIA CR	OTCNENSIS		89	7
	CASE FREE COLOR	TONUS	21.5	0.10	GLOECCYSTIS SE	.p.		÷	Ψ.
	TOTOGRACION X	LA DECAGATA	•	0.11	GOMPHOSPHAERI	A SP.		ň	•
	TOTAL SERVICE SERVICES			0.32	GREEN COLONY,	UHKNOMN		0.0	
	15 45 TODA 11.1	ELECTION OF A ANGLATA V. ANGUSTISSIAN	1027.8	33.49	MELOSIFA AKBIGU	GUA		8	
	. > : : : : : : : : : : : : : : : : : :		34.8	1.13	RELOSIRA GRAN	ULAIA		C.	٦.
		THE STATE OF THE S	•	6.05	MFLOSIBA GRANUL	ANULATA V. ANGUSTISSIKA		1489.5	. '
	COMPLETE COLD	LACIUSTRES	1.7	0.05	MELOSIBA ITAL	ICA		E 7	
	NI ENGLISHED OF THE STATE OF TH	ALCATANA	•	0.22	NITZSCHIA SP.			39.7	
	SO MONIO TONIO	BENTARDI	3,3	0.11	PEDIASTRUM DU	DUPLEX		ໍ່ເຕ	
	SO ENERGE ON ON	BICELULARIS	•	0.27	SCENFUESHUS B	BICELLULARIS		0.0	
	いこのかはこれとような	SURGERIUS	•	9.16	SCENEDESKUS	INORPHUS		18.2	. "
	SCENTPESX US	QUADRICAUDA	•	0.11	SCENEDESHUS Q	DALFICAUDA		` ເ	•
		S. P		•	SCPREDESHUS S	٥		ی د	. "
	STEPHANODISC	TINDESCHII	•	2.21	STEPHANOLISCU	. 80		n c	
	SICONVHUES	34S SP.	28.1	6	IN THE BEAR OF THE	N D) r	•
	STEPHA NODISC	COS TENDIS			STEEDER NOTES	- 10 mm			•
	SYNLDRA ACUS	10	1.7	٠ ر	SYNER ARCHIVE	, t-			•
	SYNEDRA DELICA	CATISSIMA V. ANGUSTISSINA		: 4	SYNEDRA SP.	1140044		- 0	0 · 0
	EDRA SP.		6.6		SYNEDRA HINA) r	- <
	LLAEIA	A LENDUNG.		m	U)	NEST		2.5	9.0
	TELEAEURON P	en ta edricum	a.a	~	i i i	NTAEDRI		: ;:	0.0
		TOTAL	3768.5	100.0			F.		
				> • •			LOIAL	348/•1	000

	1	0.0		٠.	3 0		9.27	. 3	0.13	٠.	0.07	٦,	<u> </u>		6.	. O a	0.07	n6.0	1.54	0.4	C.53	0.33	0.27	10.5	6.35	0.07	6.23	0.57	0.13	1.47	0.13	6.73	5.25	0.67	0.04	0.07	1.94	100.0
DIVERSITY		- m =		9.9	5.0	1.7	9,0	11.6	. n. d.	127.4		т. С.	•		238.3	3,40,3	1.7	23.2	38.1	1221.4	13.2	8.3	9 r 9 r	7 7 7	157.2	1.7	5.7	1.7	m :	36.4	3,3	18.2	9.0	16.5	÷-:	÷	8 1	24/1.5
SDC.5-0 NO.OF PURIS = 53 COUNTED DY: E.K: EUTHOD: SETTLE-PREEZE	ATA IDA Pedicus	115	ASTERICKELK FORMOSA CHLENKLOHONAS SP.	CHEGOCOCCUS SP.	CHYPTONOTAS SP.	CYCLOTMILL COMPA CYCLOTMILL COMPA					CYCLOTELLA STPIKIA CYNRELIA SP.	PACTYLOCOCCOPSIS SP.	DIATONA TENUE V. ELONGATUM	CIVER SERVICE	•	FEAGILARIA CAPUCINA	FRANTIL FRID CTOTORENSIS	GLOEOCYSTIS SP.	LATA	GEANU	NAVICULA DECURSTA	' -=	NITZSCHIA BACATA	NITZSCHIA DISSIPATA	NITZSCHIA PREEM	COLDECTION CACUSTRIS	EMINOSOLENIA TRIENSIS	SCHWINDESS DISCENDENT	SCENEDES WILL OURDRICAUDA	SOUMMEDES UN SP.	SERVICE TRANSPORTS SERVICE TRANSPORTS	SP.	CTEVERAROUISCUS SUBTILIS	4 X:	SYNEDRA PILIFORMIS	N I I I I I	AKIA PENESTRATA	TOTAL
	2.71	PERCENT 0.17	.17	9 m	0	19.83	100°E	0.17	0.50	0.50		1.67	52.17	1.67	000	3.1.	1.67	· · ·	. 9 .	0.3	m (.9	. 1.0	•••		8.0	.1.0	100.0									
	UIVERSITY	CELLS/AL	1.7	. m	8	196.9	າ ດ ະ ດ	1.7	ۍ د د د		E .	16.5	518.0	16.5	ا د د د د د	31.4	16.5	1.7	9.0	B. B.	m (2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2	16.5	1.7	1.7	5. 5. C. C.	8	1.7	993.0									
	KDC 7-5 NO.OF POHMS = 35 COHNTAD BY: E.K. KETHLE-FREIZE	CU M M M M M M M M M M M M M M M M M M M	ABBENA SP.	AAAAYATIG SP.	ASSERTICATED YOURSE	•	CHROCCCCUS SP.	CYCLOTELLA ATORUS	CYCLOTYLLA COMTA	CICLOST A STREET AND A STREET A	CYCLOTELLA OCTLEATA	CYCLOTILLA SP.	FINGERIATES	FPAGILARIA CHOTONENSIS	GLOTOCYSTIS SP.	CHARLE CONCRY, CHRISON N. ANGUSTINAM		NITZSCHIL PACEA	MINZ ACHIA MP. Anasabaratan dia matana	SCHWEDERS OF FORMAL STREET	STEPHAKODISCUS ALEINUS	STEPHINO DISCUS ASTANEA	STREET WOLLSCOOL HANDESCHILE STREET NOTINGERSCOOL MINUTOS		SYNEDRA DELICATISSINA V. ANGUSTISSINA	SYNTDAN FILIFORMIS	JINEDIA DI. TABELLADIA PENESTRATA	TETEAEDRON MINUTUM	18101									

	DIVERSITY	= 2.73	SDC 1-2 NO.OF PORKS. # 48 COUNTED HY: D.K. AETHOD: SETTLE-PRESEE	DIVERSITY	= 2.83
METHOD: SETTLE-FREEZE				CELLS/ML	PERCENT
	14/2/140	£ (1.70%)	AMERITALMEN PTILICIDA	1.7	0.09
	1,7	36.0	REPRORE 3P.	e.0	.05 0.05
25.	1.7		AMABASHA CIRCINALIS	9.1	ı,
ANDERSON ASSESSED ASSESSED	36.8	1.76	ANKISTFODESAUS FALCATUS	9°8	e.
「のい」とはいうない。 のい とれいこうない カナルトロし	38.1	: = = = = = = = = = = = = = = = = = = =	APHENOCAPSA SP.	14.1	0.73
	1.7	0	ASTITUTION TILLA FORMOSA	19.9	1.11
	1.7	,	CHLANYPONONAS SP.	7.5	0.42
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	56.3	2.7		11.6	0.65
CYCLOTELLA CORTA	9.9		COMMASTRUM SPHAERICUM	0.8	6.05
CYCLOTELLA NUETZINGIANA	6.6	× 7.0	COSMAIN SP.	2.5	0.14
CYCLOPELLA EUNEGHINEANA	1.7	9.08	CPYPTOKONAS SP.	29.0	1.62
CYCLOTELLY MICHIGANIANA	5.0	0.24		٦. م	3.94
CYCLOTELLA SP.	18.2	3.8.0	OKCEOUNTER ANNOUNTAINA	2.5	3.00
CYMPIOFICURA SOLEA	1.7	× 0 ·		0 7	•
CYMSTLIA SP.	۲.۲		THE FOR THE DAY OF A PROPERTY	3	
DIACOLA DIRECT V. DEGREGA		2 (C)	DISCUSSION DIVERSIONS	10,8	0.63
4	248.3		DINOFILMATE CYSIS	œ	20.0
FOREST AND	7.7	1 2	FLAGRILLATES	277.8	15.18
COUNTRY AND		30.0	FRAGILAFIA CROTONENSIS	298.9	16.76
NACES OF STREET	1.7	80.0	GLOROCYSTIS SP.	29.0	1.62
FILLOST BE GRENUTATA	38.1	1,86	GOMPHOSPHAFRIA LACUSTRIS	5.8	0.32
PRIORIES GRANGLETA V. ANGUSTISSIKA	1060.9	51.73	GEANULATA	15.7	0.38
	9.6	0.48	MELOSIFA GRANULATA V. ANGUSTISSIMA	823.0	46,15
HITZSCHIE ACICULARIS	1.7	90.0	KAVICUIA COSTULATA	m :	0.0 0.0
NITESCHI'SP.	72.8	3,55	NAVICULA DECUSSIS	3°C	000
OOCYSIS SP.	1.7	90.0	SAVICULA SP.	- 0	y 0.0
OSCILLATOFIA 3P.	1.7	80.0	STITUTE OF STRUCTURE STATES OF STATE	0.0	7.03
PEDIASTRUM SIMPLEX	۲.۲	8,0			51.0
SCENDDESTLONG ABONDARS		91.0	FORTHWENT DEFINER	, ~,	0.19
SCHOOLS OF COLUMN STATES	- ~ 		OHABRIGHLA LACUSIFIS	e.	0.05
STEP HANDETSCOS HANDESCHIT	6.06	- 4 - 4	PHIZOSCLENIA SRIENSIS	e.0	6.05
STEPHINODISCUS SP.	36.4	1.78	SCENEDESTUS BEENARDI	1.1	60°0
STEPHA NODISCUS TENUIS	3.3	0.16	SCERED ESMUS BICHTULARIS	უ (• (0.00 0.00
	3,3	0.16	SCHOOL SURGER OF STRUCK	n c	7.0
SYNEDBA DELICATIONINA V. ANGUSTISSINA	19.9	0.97	OCETED BY TO COATANTO	• •	9 0
SYNEDRA FILIFORKIS	18.2	68.0	ATTRIBUTE SOUTH ATTRIBUTE	9	20.0
SYMMOMY DENN V. CHALCA		2.0	CHARLES CONTROLLED TO CALL TO	23.2	1,33
HABBERAKIA ERRESTANA HUHUMUDDON KHANIHUK	C - 1	0.00	STEPHANODISCUS MINUTUS	1.1	60.0
		•	STEPHAROPISCUS SP.	19.9	
TOTAL	2048.9	100.0	SYNEDRA ACUS		0.0 0.0
				0.8	0.05
			YNEDRA SP.	m (0.19
			TABLLARIA TENEDIRATA TATOLATADA PENTANDATORM	8.67	70.0
				, •) , ,

		1.2	• 5	۲.	ů	·		C	8	٣,				0	7	C	ή.	0.34	·:		1.	6		۳.	-	-	2	10	•	0.59		100.0
		~	711.6	m m	ر. د	1.7	1.7	1.7	16.5	26.5		1.7		1.7	ຕຸ້	19.3	т М	9.9	1.7	1.7	29.8	.20	3,3	9.9	-	21.5	~	•	3,3	11.6		1961.2
		LOSI EN GEARULATA	FLOSIES GA	CSIFA LTALIC	ICULA SP.	ZSCHIA ACIC	ITZSCHIA	ITASCHIA DISS	ITZSCHIR PALE	I TESCHIA S	SCILLATORIA S	EDIASTRUZ DUP	RDIASIPUM SIMPLE	HIZOSCLINIA, ERIENS	CENEDESHUS BICILLUL	DENEDESKUS DIROPPHU	CEMBDESHUS QUADS	sans sp.	IEPHANODISCUS ALPINU	PEPHANODISCUS ASTRA	PEPHANODISCUS BINDESANU	TEPHA NODISCUS HANES	TEPHANODISCUS MINUTUS	TEPHANODISCUS S	TEPHANODISCUS SUBTE	FEPHANODISCUS T	REPORT DEFENTER REGENT	INFORA SILIPORMIS	HEDRA SP.	EG.		TOLYT
= 3,53	B :	8:0	င္ (٠.	⇒.	Ç	۲.	ς,	۲.	J.	.2	•	•	۲.	.5	ς.	m	۲.	9	e.	.2	۳.	G	٠.	⊅.	0.3	'n.	۲.	7.	0.25	Υ.	
DIVERSITY	CELLS/KL	<u>`</u> ',	• ,	•	۳. ه	ហំ	54.0		₹.	1.7	S. O.		'n	3.3	11.6	1.7	26.5	3,3	13.2	6.6	છ ે. છ	3,3	1.1		•	203.6	•	3,3	5.0	ប្រ.ប	26.5	
SDC 2-1 NO.OF PORMS = 54 COUNTED BY: 3.K. MBIHOD: SEITLS-PRETZE	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	, i	1:	ANADECTE OF		ANKISTRODESSUS FALCA TOS	ASIERICKLLLA FORMOSA	CHINAY DOYONES SP.	5 -1	SES SP.	CRUCIGENIA APICULARA	CEYPTORONES SP.	CYCLOTELLA ALGMUS		CYCLOTELLA KUMUMERGIAMA	NENERBENER	A MICHIGA	C •#	~T.	CYCLOTELLA STRIATA	DACTYL CCO CCUPSIS ACICULARIES	DIATONA TENJE V. ELONGATUR	DINGBRYOW BAVAFICUM	IVERG	FLAGELLATES		GLCEOCYSTIS SP.	GOMPHOSPHARIA LACUSTRIS	GREEN COLORY, UNKNOWN	KIRCHNERIELEN SP.	KELOSIRA AKSIGUA	

SDC 2-3 MO.UF POPMS # 37 COUNTED BY: E.K. METHOU: STTLE-FREEZ		DIVERSITY	2.88	0-1 268	NO.OF FORMS = UU COUNTED BY: Z.K. METHOD: SETTLE-PREEE	DIVERSITY	- 2.97
		CELLS/ML	PERCENT			CELLS/KL	G C
ANABARNA CIRCINALIS		7.7	0°.06		DVALIS	C .	0.12
APHANOCAPSA SP.		00.0		AMERICAN ST.	11.2.1.2.1.1.2.1.1.2.2.1.2.2.1.2.2.1.2.2.1.2.2.1.2.2.1.2.2.1.2.2.1.2.2.2.1.2.2.2.2.2.2.2.2.2.2.2.2.	40	71.0
		855.6	30.05	TENENOCIEST SP.		6.7	. ~
		13,2	0.47	A TIT RICKELLA FC240SA	A FC250SA	23.2	0.71
		129.1	4.53	M.UI - 41 M.C.	MINI - GRITT UNKHOWN COLONY	7.7	90.0
そしてので、おけばいではない。 このできない かんしょう しんしん しんしんしん しんしん しんしん しんしん しんしん しんし		9•9	0.23	CHILANY DONONAS SP.	13.5 SP.	501.4	12.19
CYCLOTELLA MICHIGANIANA		1.7	90.0	CHEDOCOCCHS SP.	. S.P.	21.9	0.53
CYCLOTELLA OCELLATA		3,3	0.12	COFLASTBUY	COFLASTBUY SPHAERICUM	6.4	0.12
CYCLOTELLA SP.		124.1	4.36	COSEARIUM SE.	• • • • • • • • • • • • • • • • • • • •	2.4	0.06
PIATORL TERMS V. ELONGATUM		11.6	5.4.	CRYPTOHOWAS SP.	5 SP •	126. 6	3.38
principaron bryangeds		58.3 58.3	0 0 0 0	CYCLOTELLA CONTA	CONTA	7.6	0.24
FLAGILLATES		2.7.0	2 ° °	CYCLOTLERA GUELEATA	CCELEATA	* · · ·	9 6
FRAGILLA IN CPOTONENSIS				CANDELLA CE		0.0	
FRAGILATIA TITLEMEDIA		ָ 	1.5.1	LINIOUS JOH	# CH CO CLA A ACA	7 7 7	3.5
		1.7	95.0	FICTYOSPUAT	FICHYOSPHAFFICK PULCHELLUM	2.4	90.0
CONTRACTOR AND		5.0	0.17	DINCRPYON DIVERGENS	LVERGENS	7,3	0.0
CART CAROLINA AND		1.7	0.05	FRAGILAPIA CAPUCINA	CAPUCINA	21.9	0.53
THE CONTRACTOR OF A ANGUSTISSINA		1037.7	36.43	FRAGILARIA	PRAGILAGIA CONSTRUENS	7.3	0.18
MACCOCKSIS ASRUGINOSA		6.6	0.3	FRAGILARIA	FRACILARIA CROTONERSIS	635.3	15.44
LAVICULA SP.		3,3	0.1.	GLOTOCYSTIS SP.	S SP.	96.1	2.19
KIIZSCHIA SP.		69.5	2.46	GRESH COLOR	GREEN COLONY, UNKNOWN	9.7	0.24
CSCILLATOPIA SP.		1.7	0.0	GAEEN SOLIT	GREEN SOLIEAFY, UNKNOWN	6.4	0.12
Preins SP.		ر ن ن		FELOSIBA AFBIGUA	BIGUA	56.0	J. 36
FILZOSCLINIA FRIENSIS		1.7	0		KANULATA	73.0	1.78
SCENEDERINS DICELLULARIS		9.6	0.33		GEANULATA V. ANGUSTISSIMA	1835.2	44.62
SCENED ESHIP DI NORTHUS		e 9	0.23	NAVICULA SP.	č.	17.0	4.0
SCENEDECKUS SP.		e .	0.23		DISSIPATA	6.7	0.12
STEPHANDISCUS NIKGARAE		1.7	0.35	NITESCHIA S	S.P.	209.3	5.09
STFPHAROPISCUS SP.		23.2	. e. e.	FILIZOSOL EVI		. . .	90.0
SIEPHINOPIECHS SUBTILIS		7,0		SCENEDESYUS	ABONEARS	3 (0.05
SUPIDELLA SP.		-,	، د	SC 11 10 E 51 15			0.24
SYNEDRA DELICATISSIMA		9.9	5.43	SCEREDESMUS		0	9 °
SYNEDIA SP.		18.2	0°.0	SCENEDESKUS	S. S.P.	2° d	9.06
TABTELABIA FENESTEATA		7.0	9,7	SPONES		14.6	0.36
TETRAEDFOR PENTAEDRICUM		3.3	21.0	STEPHANODIS	STEPHYNODISCUS HANTSSCHII	38.9	0°0
		9	, ,	STATE ACCUSANCE		2. L	70.0
	LOINE	6 . 0 . 0 . 2		STEPHIA NOUTSCUS	777777		
				SYNEDRY DEL	SYNEDAR DELICATISSIMA V. ANGUSTISSIMA	7.3	0.13
				SYNEDRA FII	LIFORMIS	9.1	2
				SYNEDRA SP.	SYNZORA SP.	7,7,9	0.18 7.
				TABELLANIA	FENESTRAIA	'n	h / · ·

TOTAL

			SPC 4-3 10.07 PCHRS = 49	DIVERSITY	= 3.42
SDC 4-1 NO.OF POPMS # 40 COUNTED BY: Z.K.	DIVERSITY	= 2.93	CCGHTED BY: 5.K. HTINOD: SETTLE-PREEZE		
LE-				CELLS/NL	PERCEN
	•		ANATISENA CIPCINALIS	9.9	0.65
	78/57735	PERCENT C. F.O.	ANKISTRODESHUS FALCATUS	1.7	0.16
	•	 	APHENOCAPSA SP.	16.5	1.62
	•		ASTERIONFLLA POFNOSA	5.0	64.0
	•		CHLASY FORONAS SP.	316.1	30.96
A SALT LOS DEPARTS TOTAL OF THE SALT SALT SALT SALT SALT SALT SALT SALT	1 966	25.50	CHECOCOCO TIMNESTORS	6.6	0.97
	: -		CAYPTONDAAS SP.	3.3	0.32
	: ~	- c	CYCLOTFLEA ATORUS	5.0	0.43
		200		9.9	0.65
ξ		6.2.0		11.6	1.13
を持ちている。 かいこうしゅうしょう	V -	2.0	RICHIGANIA	o.c	61.0
		100	CYCLOTELLA OCELLATA	3,3	0.32
	33.1	64.0	CYCLUTELLA SP.	51.3	5.02
CICLOSTER OF STORGATING	٦,	0.25	CYCIOMELLA SIRIATA	1.7	0.16
DIRORPYCH DIVIDENNA	9.9	0.6.0	DACTYL GCOCCOFSIS SP.	1.7	0.16
		63.6	LIATONA TENUR V. ELONGATUR	1.7	0.16
PARTI ARIA CAPUCIAN	, 33	0.62	DINOBRYON DIVIRGENS	3,3	0.32
PRACTILETA CROMONENS IS	9.617	3.73	FRAGILARIA CROTONEUS IS	3. t	O
ALOHOTYSTIS SP.) (C	FRAGILARIA VAUGHFRIAE	1.7	0.16
N NORMAN CONTROL OF THE PROPERTY OF THE PROPER		0.17	CICEOCYSTIS SP.	8.3	0.91
SECRETARY TO SERVICE SERVICES		ر د د		e e	0.32
AUTOCATE AUTOCA	3 2		GREEN FILANENT, UNKHORN	3,3	0.32
AL ALLENATED AND FOLKER		0.12	MELOSTRA AMBIGUA	1.7	0.16
ATTOCKE OF STREET A PROBATION AND STREET	5,895	80.71		٦٤, ٥	1.46
			MELOSIFA GEANILAIA V. ANGUSTISSIRA	322.7	31.60
STANDARD AND STANDARD	9	0.0		8,3	0.81
これの のは、 この のは、		9 -		1.7	0.16
OOCYSTIS 3P.	1,7	0.12		6. 6	0.65
SCENSORSWIN BICELLULARIS	11.6	0.17	NITZ SCHIA DIRSIDATA	۲.	0.16
SCEEP ESSUS DIMOPPHUS	16.5	1. 14		L.• .	9.10
SCPEED SSHUS OUTABLE CAUDA	1.7	0.12		(**)	0.49
STELLIA NODISCUS ASTRA EA	1.7		NI TANCHIA SP.	76.0	2.59
STEPHANODISCUS HANTZSCHII	9.1	0.12	NITZSCHIA SP. #1	7.7	0.16
STEPHANOUISCUS SP.	ò	0.30	CHECOCHES A PREPARE COSTANTION OF THE COSTANTION	- 4	•
STEPHANODISCUS SUBILLIS	34.8	2. ;1	SCHOOLS TO SECOND STORY OF SCHOOLS OF SCHOOL) m	0.4.0
	m.,	ລ ເ ດ :	SCENEDESAUS QUADRICAUDA V. MAXIRUS	3,3	0.32
STATURE DELICATIONES V. ANGUSTISSIA	- (7.	CUADRICANDA	E.	0.32
STREDER FILTFORMIS	7 c	0.0	SCFNEDES" US SP.	3,3	9.32
		•	STEPHANODISCUS ALPINUS	11.6	1.13
CECOMMAN V CHO AND CONTRACT	•		STEPHANODISCUS HANTZ SCHII	19.2	1.78
TETERS THE STREET OF PROPERTY OF THE COURT	;	•	STIPHANODISCUS MINUIUS	8,3	0.81
TOTAL	1330.6	130.3	SP.	13.2	۳.
				0,0	0.49
			STEFRANODISCUS TENUIS	ب س د	. 6.
				• •	0 4
			3 =	•	
			BELL AR	5.6	6.97

TOTAL 1521.1

					SDC 7-1 NO.OF POPP CCHNFED BI	POPHS = 40 ND BY: E.K. DD: SEITLE-PREEZE	DI VERSITY :	= 3.23
30C to 1	NO.DP PCHES = 36 COUNTED BY: P.K. METHOD: SEITLE-PPERE	ja'	DIVERSITY	= 3.47	AMPHIPLEUPA PELLUCIDA PAINENA CIRCINALIS AMACKSTIS SP.	IDA S	CELLS/4L 1.7 9.9 16.5	PERCENT 0.07 0.45 0.75
AUACVSTIS SP.			CFLLS/RL	PERCZAT	WKI STEOPE	CATUS		0.22
ASTERICATILA PORMOSA	POF YOSA		1		BLUF-GREEN UNKNOWN COLCNY	COLCNY		0.07
CHLATY DOTOBAT SP.	SP.		110.2	19.91	CHEARY EGRONAS SP.	•	336.0	15.19
CHROCOCOUS SP.	• 3.		46.3	7.76	CHEONG CCCUS LIMMETICUS	ICUS	8.3	0.37
CONTRATOR NOT CONTRA	* ft = 120		۲.,).2E	CRUCICEVIA ADICHLA	ATA	ݮ、	0.07
CHYPTOROTAS SP.			19.9		CYCLOTELLA COMTA		9.9	2. S. C.
CYCLUTELLA CON	, T. A		1.7	0.2!	CYCLOTELLA CPYPTICA	Ą	1.1	0.0
CYCLOTELLA KUETZINGIANA	TZINGIANA		e .		CYCLOTELLA KUBTZINGIANA	GIANA	m i	2.13
SACTON AND THE CONTRACT	ANT SHALL SH		m .	0.55	CICLOIPERA ABREGAL	VEAN	7.7	٠,
CYCI OTELLA SP.	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.0		DACTYLCCOCCOPSIS S	ď	30°	7.65 2.15
DINOBSYON DIVI	TRGENS		13.2	2.22	DIATONE TENUE V. E	LONGATOR		
FLAGELIATES			172.1	28.81	DINORRYON DIVERGENS	S	9.9	
OTOTOL VALA CPOTONENSIS	TONERSIS		39.7	6.65	FLAGELLETES		246.4	٠.
GOMPHOSPHAPPTA			11.6	1.94	CHAGILAKIA CROTCNE	NSIS	233.4	ຕຸ
GILLER FILLSKING, UNKNOSK			ر د د د د	יים מיים מיים	GREEN COLONY, UNKROW	Nac	13.0	າພ
KELOSIBA ITALI	CA		, 0		FFLOSIPA AFBIGUA		34.3	. יי
NITESCHIA SP.				0.83	KELOSIBA GRANULATA		6.6	0.45
COCYSTIS SP.	C		1.7	0.28	MELOSIKE GEANULAIA	V. ANGUSTISSIMA	839.1	37.95
E STATE OF THE STA	# C C C C C C C C C C C C C C C C C C C		7.7	0.28	FELOSIIE ITALICA		7.7	0.07
SCENCESCUS BICELLULARIS	CELLULARIS		o "	 	NAVICULA SP.		ה ה	0 c
SCENEDESHUS SP.			, m	5.5.0	NITZSCHIA SP.		9	2.6.2
STEPHANOLSCUS HANTZSCHII	HANTZSCHIL		3.0	3.55	OOCYSIIS SP.		. m	0.15
SIZEHANOSIZGUS SP.			1.7	6.28	OUAFRIGULA LACUSTRIS	IS	3,3	0.15
SYNEDRA FILIFORMIS	SH 25		; ;	80	PHIZOSCHENIA ERIENSIS	SIS	5.3	0.22
TABLELARIA FINESIAMIA	FLNES LANT A		•	•	SCHEMBORSHS BICSTINGS	OLAPIS	8.3	0.37
	20		o •		SCENE SOURCE CONTROL OF SOURCE	אסט	יי עייי	1.42
		TOTAL	597.5	100.0	STEPHANOPISCUS ASTRA EA	RASA	, ,	0.07
		1			STEPHANODISCUS HAN	HANTRSCHII	9.9	0.30
					STEFFIN NOTICON MINI	AINUFUS	1.7	0.07
					S		16.5	0.75
					SYNTHANODISCUS TENNI	SIONE	e .	0.37
					STATES ACON SYNTHEM SYNTHEM	THE CAME OF THE PARTY OF THE PA	۰,۰	0.30 0.30
					SYNERPA FILIFORMIS	:	- 6	0.00
					SYNEDRA SP.		6,6	0.30
					SYNEDRA ULKA		n, 3	6.15
					THEFTER FEMENIALY	RICUM	8. 	3.67
					TETFASTAUM STRUROG	STLUROGENIASFORES) m	0.15
)

TOTAL

EDC 7-3 ROADS W 55 COUNTAND BY: B.K. RETHOD: SETTLE-PREEZE	DIVRESTRY	3,19		
AXPHIDIADA PRILOCIDA ANADASNA CIPCINALIS ANKESTRADESPUS FALCA ZUS APHANOCAPSA SP.	ຄວິດທຸພຸ	######################################	SDC 7-5 KO.OF PORMS # 39 CCUNTED DY: Z.K. METHOD: SETTLE-FREEZE	DIVERSITY
ASTERICALLY FORMOSA		1.53		CELLS/ML
CALCANIES VENI VICASA	o -		Anphiplium Pelincida	1,7
CHROCOCOCOUS SP.		7.7	ARPHODA VENETA	7.7
CLOSTIFICPSIS LONGISSIMA	5	3.05	A TACTOTAL SANS	o :
Caypiosovas sp.	30.6	2.27) : :	
	o •	6.7 # 7	CHPOCCOCUS SP.	
CICLOTERA RUBIALES ANA CYCLOTERA RESPONDENTES	- a	÷ 0		
CYCLOTETLA CCELLAIA	,	0.37	CAUCIGENTA APICULATA	
CYCLOTILLA SP.		2.83	CATA CONTRA DES	•
CYMMICSITURA GOLEA V. APICOLATA	æ .		CYCIOTILLA KHETZINGIANA	
DIMODANO DIVERSIONS DIMONS DIM			CYCLUTTILA MICHIGANIANA	9.9
SELVELLE STATES OF THE SELVE STATES OF THE SEL	538.2	39.68	CYCLOTELLA OCELLATA	ຕະຕິ
FRACILARIA CAFUCINA		9.12	CICLOSELEN SE.	
Handle Andrew Crotomers S		80°6	FLAGELLATES	:
PRACED AND THE SECTION AND DESCRIPTION OF CONTRACT OF		70.0	FEAGILAPIA CROTONZNSIS	120.3
GOMFHOSPHARPIA LACUSIAIS	2.5	 8	FRAGILREIA VAUCHERIAS	۳,
KELOSIPA GRABULATA		0.12	CEORDINATES OF STREET	 -
MILLOSIEN GERNULATA V. ANGUSTISSINA		21.72	ENLOSIEN SEANULAIA V. ANGUSTISSIKA	46.3
カン・マー・ファン・ファン・ファン・ファン・ファン・ファン・ファン・ファン・ファン・ファン		90.0	RFLOSIFA ISLANDICA	m.
NAVICULA ANGLICA V. SUBSALSA		900	MILDSIER ITALICA	21.5
NA VICUIA DECUSSIS		0.06	NAVICULA SP.	•
KAVICHLA SP.	•	0.25	NIIZUCTIN PARIA	
NITESCHIA BACATA	က ၀	90.0	OOCYNTIN SP.	; ;
WITZGCHIA SP.		3.00 3.00 4.00 4.00 4.00 4.00 4.00 4.00	OSCILLATORIA SP.	•
OOCYSTIS SP.	: -:	0.12		9,0
OSCILLATORIA SP.	a • 0	90.0	SCHEEF TEST OF STREET	
Problem of the Contract of the	•	9.00	STEFFAROUTSCUS ASTRAEA	1.7
SOURTH DESIGNATION OF THE SOURCE TO		0.18	STEPHENOD INCUS NANIZACHII	•
SCENED ZENUS ACUTIFORMIS	1.7	0.12	MINITED TO DE TRUMPO DE MARION DE MA	13.2
SCENTIFICATION OF PRINCIPLE	2.5	0.18	STEPHA NODISCUS SUBTILIS	
MODERATE BECKE TO THE STATE OF	ກ ສ	رد. د د د	YNEDSA FILIFOR	1.7
ACURA DE CARDO DE CAR	o m		NEDRA ULNA	1.7
SCHROEDER A JUDAYI) ec	0.00	TABELLARIA FENESTRATA	6.6
STEPHANOPISCUE ALFINUS		.0.3.		1.008
STITUTURE OFFICE HANTESCHII	17.4	1.29	36.55	•
CONTRACTOR STR.	٠. د	7		
SUSTABLIA SP.				
SYMPTON ACUS	L. 1			
STREDTA DELICATIONIN V. ANGUSTISTIN SYNCOPINS	1.7	2.7		
SYNEDYA SP.	∾.			
	31.5	2,33		
JY-01	*	•		